

## SEQUENCE LISTING

&lt;110&gt; McCarthy, Jeanette

<120> DIAGNOSIS AND TREATMENT OF VASCULAR  
DISEASE

&lt;130&gt; MMI-009

&lt;160&gt; 4

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 186510

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

gatcatacct ctccctctgct cagaggttct catcggttcc catctgtcta gaaaataaaa 60  
tgtgaacact tgaccttgat caaatccctt tgtaatctgc tgattaccta cttctctacc 120  
cttctcattt ctctctttta cctaccctca tgcttgaatt tcctgcctac ttaacattga 180  
tcgctcttca cctttacacc cctcacttaa aaccccagcc ctcaactccc acacaaacgt 240  
ggctcccagt gccctggtca aaatctcact ttctttcaag atccagccaa gtccactgct 300  
gtcatgaagc cttctctgat tttccctttc cacacctctt gcaggaaaca attcttccct 360  
tctctggact cctctagtat tttacaattt cctccctgaa agcatttaaat cccctctctg 420  
ttctgagatt attcacgcac tcacctgagc tcccaccaca gtgattcagc atgtcatgag 480  
cagagccagt gagtgcttaa cgtgtgctca ccagaagcac ttagcgagcgt gccttgact 540  
gctcagcagc tccatatttg tggataaaag cgtttgttta cttctccaaa gtgtttatta 600  
ttccgaaaag gttaaatggc tgtttttttt taaaagggtg taacaaattt aagtatttat 660  
ctctgaccaa ttttgaggaa gaataaacct gttcatgtgt tctaactcat cagagaatag 720  
aaatatgttt ttgtgaaact tgttttttaac ccaaggattt attgacaaaa gaaaaaaaaa 780  
attgaaaaag tattctgctt tttaaaatgc cctgaattaa acatttacgt gcttgctata 840  
tttttcttaa catgtatgag tttggcttag agaaaatttc caaagagaaa gtgatgagga 900  
catcattgaa tatataggta aaaattcaaa ggcatttaat ccctgtaaca cacgaaatga 960  
atcagcctga atttacttat aaatatacaa gagaaatgac tcacgtcttc agtgatacag 1020  
agcaattcag ttgtaaaaag ctaggaaaag tggaaaagtg tgtaagagtt tcagcaagta 1080  
cgttcattac ccactgacta gaaaagggac aaggtaaagc tattattata gtatatactc 1140  
atgtatatct tcttcaagaa gatgagtctt ataaaaatta atatgtctgt agaattctct 1200  
aaattgttaa ggggaaggtag tacttatatc ttaaatttgc ataggagaat tatagtttct 1260  
gttaattatc atggattgtt tacattttgct gactgattga cctacctatg tatttattca 1320  
ttgttgattt ttcattctaat tccaaaagca tttgaacctg gtcttagatt attactcaaa 1380  
gttgatatcc taattcccta ttttagattag aacttctgat aaacagcgta gttttacctt 1440  
tttcccttca gtttactttt ttttaaaact actgtatttg tgggtagtgt gctcaaagtt 1500  
ttttttttta cagtgtttgt caaataatag tgaagtagaa cacagaggtg gagttttgcc 1560  
aagtgtctgt tcatgctgtg cttagagacct aacattctgt gttgctacac cagcagaatt 1620  
tattcctctc cttttgcttt attataggct tgcagtgtaa gtttaaatat agtaaacagt 1680  
tggtgtttta aacaaatgat cttgttttat tgtgcttttc tgtgctttta aaacatattt 1740  
ggagattttt ttacatacaa aaaagtacaa agtattttgt tgtgtgtact catgtattaa 1800  
cagcagagtt gattataaat attttctcat atttgcttca cgttcttttc acaaattcaa 1860  
tatattttt aaaaaccagc tcagcaaggt tattgctgct gaggggcagc ttccgttact 1920  
ccccactcct tgccactctc ctgtccctct cagaggagct ctcaactgcac tgggggtttt 1980  
cctttcagtt cattcaacgt acatgtatat atctatgaat agtatgtgat tttatgtttg 2040  
tattttaaat ttgcataaac agtaccactt tgtatgtaga tacctagata tttgctttat 2100  
aattttacat tgttctccag aagagacttt ccatttcctc acctctttaa ttatacctaa 2160  
tattgttaga atttaaattt ttggccaatt tgatggattt gtttgttgct tttctggttt 2220  
attgattact aagattgggt ctcattattc tttaaaacaa acttttactc cattaaactg 2280  
atgatagctg gagatgggat tttgcttagc aattctgcac atgtccctgt ttgaggggac 2340  
aagtcagaag cctgcagcat gatgctgtgt ctggagggtg cactgtttct agccttccac 2400  
tagcccagag tggtagcagc tgttcctttt cagtcttctg tgctggctcc tctcacctc 2460  
cccagcctct cacataggcc ccagggctgt ggcctttgat ctcttctctt cctgtctgtg 2520

10043715.010902

10043715.010902

ctcactttgt	aggtagtctc	atccgggtctc	ctgacttcag	ataccatttc	tgtgctgatg	2580
atgccccagt	tcattccaca	tgtgggtatc	attctgactt	acccaccag	tctctgctgg	2640
ggtgtcta	tagcatctca	ggtctgatgt	gtcccagatc	cctgggtcac	cccttacctc	2700
taagcacact	tccccatag	tcttccgcca	tccttccatc	tgcttgcca	aaaatcttga	2760
agtcacccct	gatgcccatc	tttctcacgt	gttgccctta	atctaccagt	aaaacctttt	2820
ggctcttcac	ttcaaaatgt	cttcagaatc	catccacttt	taatcacctc	caacacccca	2880
ccccagccac	atcctctcta	ctaaaattgt	tctggaatag	ctcctgattg	gtctctgtgg	2940
tcttaccctg	tgcctttaca	gactatcttc	cacatagcag	ccaaagtggc	cttgtaacaa	3000
ttgtgtcatt	cctttgctta	aaagccccag	gggtttcctg	actcatttgg	agcactggtc	3060
aggcaccac	caggagctct	gtcttccctc	ttaccatctc	cctgaggctc	agctcccaaa	3120
ccttctctcc	tcgctgtctc	agctgcagcc	acacgggtct	cctgcctctt	tcttgaacac	3180
ccgcagcagg	cccctgtctc	agggactttg	cactcctttc	ctctgttaag	aatgccctct	3240
aggaggattc	cattccaaga	tggccaaata	ggaacagctc	cagtctgcag	ttcccagcgt	3300
gattgacgca	gaagacggat	gattttctgca	tttccaaactg	aggtacctgg	ttcatctcat	3360
tgggactggg	tggacagtgg	gtgcagccca	cagagggtga	gccaagcag	ggcaaggcat	3420
cgcctcaccc	aggaagcaca	aggggtcagc	ggatttccct	ttcctagcca	agggacgtg	3480
tgcagacag	tacctggaaa	aacgggacac	tctgcccaca	atactgcact	tttccaacag	3540
ctttagcaaa	tggcacacca	gaagattata	tcccgcatct	ggcttggtgg	atcccatgcc	3600
cacagagcct	tgtcactgct	tagcacagca	gtctgagatc	tacctgtgag	gcagcagcct	3660
ggcagaggga	gtggcatctg	ccattgtctga	ggcttgagta	ggtaaacaaa	gaggctgggg	3720
aagctcaaac	tgggcagagc	ccaccgcagc	tcagcaaggc	agactgcctc	tgtagtctcc	3780
acctctgggg	gcagggcata	gctgagcaaa	agacagcaga	aacttctgca	ggcttaaaaa	3840
ttcctgtctg	acagctctga	agagagcagt	ggttctccca	gcatggtgtt	tgagctcaga	3900
gaaaggacag	actgcctcct	caagtgggtc	cctgaccccc	gtgtagccta	actaggagac	3960
acctccccgt	aggggcccag	tgacacctca	tacaggcggg	taccctctctg	gggcgaagct	4020
tccagaggaa	ggatcaggca	ccaatatattg	ccgttctgca	atatttgctg	ttcttcagcc	4080
tctgctgggtg	ataccagggc	ctgattggag	tggagtggac	ctccagcaaa	ctccaacaga	4140
tgtgcagctg	agggacctga	ctgttaggag	gaaaactaac	aaacaaaagg	attagcatca	4200
acatcaacaa	aaagaacatc	cacaccaaaa	ccccatttga	tgttggtggg	tcaccaacat	4260
caaagaccaa	aggtagataa	aatcacaatg	atggggagaa	accagaccag	aacatctgaa	4320
aattctgaaa	accagagacc	ctcttctctt	ccaaaagatc	gcagctcctc	gccagcaatg	4380
gaacaaagct	ggatggagaa	tgactttgat	gagctgacag	aagtaggctt	cagaaggctca	4440
gtaataacaa	acttttccaa	gctaaaggag	gatgtttgaa	cccattgcaa	ggaagctaaa	4500
aaccttgaaa	aaagcttaga	caaatggcta	actagaataa	acagtgtaga	gaagacctta	4560
aatgacctga	tggagcaaaa	ctgtggcagc	agaactacgt	gacgcataca	caagcttcaa	4620
tagctgattt	gatcaagtgg	aagaaaagggt	atcagtgatt	gaagatcaaa	ttaatgaaat	4680
aaagcgagaa	gagaagggtta	gagaaaaaag	agtagaaaga	aacgaacaaa	gcctccaaga	4740
aatatgggac	tatgtgaaaa	aaccaaactc	acatttgatt	ggtgtacctg	aaagtgcagg	4800
ggagaatgga	accaagtggg	aaaacactct	tagggatatt	atccaggaga	acttcccaaa	4860
cctagcaagg	caggccaata	ttcaaattta	ggaaatacag	agaacaccac	aaagatactc	4920
cttgagaaga	gcaaccgcaa	gacacataat	tgtcagattc	accaaggttg	aatgaagggt	4980
aaaaatgtta	aggacagcca	gagagaaaag	tcgggtcacc	cacaaaaggga	aacccatcag	5040
acttaacagc	agatctctcg	gcagaaactc	tacaagccag	aagagagtgg	gggctgggat	5100
tcagcattct	taaagaaaaa	aattttcaac	ccagaatttc	atatctagcc	aaactaagcc	5160
tcataagtga	aggagaaaaa	aaaatccttt	atagacaagc	aaatgctgag	agattttgtc	5220
accaccagac	ctgccttacg	agagtctcctg	aaggaagcac	taaacatgga	aaggaacaac	5280
cagtaccagc	tactgcaaaa	acatgccaaa	ttgtaaagac	catcaatgct	tggagaagaa	5340
tgcatacaact	aacgggcaaa	ataaccagct	aacatagtga	cgggatcaaa	ttcacacata	5400
acaatattaa	cctttaatgt	aaatgggcta	aatgcctcaa	ttaaaagaca	caggcaaat	5460
ggataaagag	acaagaccca	tcagtgtgct	gtattcagga	gacccatctc	acatgcagtg	5520
acacacatag	actcaaaaata	aagggatgga	agaagatcta	ccaagcaaat	ggaaagcaaa	5580
aaaaaaaaaa	aaaaaaaaaa	aaaaaagcag	gggttgcaat	cctagtctct	gataaaacag	5640
actaaaccag	taaagatcag	aagagacaaa	gaaggccatt	acataatggc	aaagggatca	5700
attcaacaag	aagagctaac	tatcctaata	atatatgcac	ccaatacag	agcaccagca	5760
ttcataaagc	aagtccttag	agacctacaa	agagacttag	actcccatat	aataataatg	5820
ggagacttta	acacccactg	gtcagtatta	gacagatcaa	caagacagaa	ggttaacaag	5880
gatattctagg	acttgaactc	cgctctgcac	caagcagacc	taagagacat	ctacagaact	5940
ctccaccaca	aatcaagaga	atatacatct	ttctcagcac	cacatcgccc	ttattctaaa	6000
attgaccaca	tagttggaag	taaagcactc	ctcagcaaat	gtaaaagaac	agaaatcaca	6060
acaaactgtc	tctcagacca	cagtgcgaat	caattagaac	tcaggattaa	gaaactcact	6120
caaaaccgca	caactacatg	gaaactgaac	aacatgctcc	tgaatggctg	atgggtaagt	6180

aatgaaatga aggcagaaat aaagatgttc ttggaacca gtgagaacca agacacaaca 6240  
 tatcagaatc tctgggacat atttaaagca gtgtgtagag ggacatttat agcactaaat 6300  
 gccacacaaga gaaagcagga aagatgtaaa atcaaacact agcatcaaaa ttaaaggaac 6360  
 tagagaagca agagcaaaaa aattcaaaaag ccagcagaag gcaagaaata actaagatca 6420  
 gagcagaact gaaggagata gagacacaaa aaaacccttg aaaaaatcaa tgaatccagg 6480  
 agctggtttt ttgaaaagat caacaaaaatt gatagactgc tagcaagact aataaagaag 6540  
 aaaagagaga agaatacaaac agacacaata aaaaaatgata aaggggctat caccactgat 6600  
 cccacagaat acaaaactatc atcagagaat actataaaca cctctatgca aataaactag 6660  
 aaaatctaga agaaatggat aaattcctgg acacatacac cctcccaaga ctaaacagg 6720  
 aagaagtcca atctctgaat agactaataa caggctctga aattgaggca ataattaata 6780  
 ggctaccaac caaaaaaagt ccaggaccag atggatttac agctgaattc taccagaggt 6840  
 acaaagagga gctggtacca ttctttctga aactattcca atcaatagaa aaagagggaa 6900  
 tctctccctaa ctcatattcat gaggccagca tcatcctgat accaaagcct ggagagagaa 6960  
 taacaaaaaa aagagaattt tagaccaata tccctgatga acatcgatgt gaaaatcctc 7020  
 aataaaaatc tggcaaacca aaccagcag cacatctaaa agtttatcca ccatgatcaa 7080  
 gtcggcttca tccctgggat gcaaggctgg ttcaacatat gcaaatcaat aaacataatc 7140  
 catcacataa acagaaccaa tgacaaaaac cacatgatta tctcaataga tgcagaaaag 7200  
 gctttcaaca aaattcaata gcccttcatg ctaaaaaatc tcaataagct aggtattgat 7260  
 ggaacgtatc tcaaaataat aagagctatt tatgacaaac ccacaaccaa tatcatactg 7320  
 aatgagcaaa agctggaagc agtccctttg aaaaatggca caagacaagg atgccctctc 7380  
 tcaccactcc tattcaaaat agtgttgga gttctggcca aggcaatcag gcaagagaaa 7440  
 gaaataaagg gtgttcaatt aggaaaagaa gaagtcaaat tgtccctgtt tgcagatgac 7500  
 atgattgtat atttagaaaa ccccatgtgc tcagcccaaa atctccttaa gctgataaac 7560  
 aacttcagca agtctcagg atgcaaaaatc aatgtgcaaa aatcacaaagc attcctatac 7620  
 accaataaca gacaaacgga gagccaaatc atgagtgaac tcccatctcc aattgctaaa 7680  
 aagagaataa aatatctaag aatccaactt acaagggatg tgaaggacct cttcaaggag 7740  
 aactacaaac cactgctcaa caaaataaaa gaggacacaa acaaatggaa gaacattcca 7800  
 tgctcatgga taggaagaat caacaacgtg aaaaatggcca tactgcccac ggtaatttat 7860  
 agaccatctc catcaagcta ccaatgactt tcttcacgga actggaaaaa aactacttta 7920  
 aagttcatat ggaacaaaaa aacagcccac gttgccaaga caatcctaag caaaaggaac 7980  
 aaagctggag gcatcatgct atctgacttc aaactatacg acaaggctac agtaaccaaa 8040  
 cagcatggta ctggtaccaaa aacagatata tagaccaatg gaacagaaca gaggcctcag 8100  
 aaataacacc acacatctac aaccagctga tctttgacaa atctaacaaa aacagaaa 8160  
 ggggaaaagg ttccctattt aataaacagt gctgggaaaa ctggctagcc atatgtagaa 8220  
 agctgaaact ggatcccttc cttacacctt atacaaaaat tgattcaaga tgggttaaag 8280  
 acttaaatgt tagacctaaa accataaaaa cctagaaga aaacctaggc aataaccattc 8340  
 agaacataga catgggcaag gacttcatgt ctaaaacacc aaaagcaatg gcaacagaag 8400  
 acaaaataga caaatgggat ctaattaaac taagagctt ctgcacgaaa ctaccatcag 8460  
 agtgaacagg caacctatgg aatgggagaa aatttttgca atctactcat ctgacaaaag 8520  
 gctaatatcc agaattctaca aataactcaa acaagtttac aagaaaaaaa acaaccccat 8580  
 ccaaaagtgg gcaaaggata tgaacagaca cttctcaaaa gaagacattt atgcagccaa 8640  
 cagacacatg aaaaaatgct catcatcact ggtcatcaga gaaatgcaaa tcaaaaccac 8700  
 agtgagatac catctcacac cagttagaat gggcatcatt aaaaagttgg aagcaacaga 8760  
 tgatggagag gatgtgggga aatcggaacg cttttacact attggtggga gtgtaaaacta 8820  
 gttcaaccat tgtggaagac agtgtggcaa ttctcaagg atctagaact agaaatacca 8880  
 tttgatccag ccatcccat actgggtata tacccaaagg attataaatc atgtactat 8940  
 aaagacacat gcacacgtat gtttattgag gactatttaa caatagcaaa gacttggaa 9000  
 caaccagat gtccatcaat tatagactgg attagaaaaa tgtggcacat atttaccatg 9060  
 gaatactctg cagccataaa aaaggatgag ttcatgtcct ttgcagactt ggatgcagct 9120  
 ggaaatcatc attctgagta aactgtcaca aggacagaaa accaaacacc gcatgtttctc 9180  
 actcacagat gggaattgaa caatgagaac acttgaacac agggagggga acatcacacc 9240  
 ctggggcctg tcatgggggtg ggggcctggg ggagggatag cattaggaga tataccta 9300  
 gtaaatgact agtttatggg tgcagcaaac caacatggca catgtatacc ctatgtaaca 9360  
 aacctgcacg ttgtgcata gtaccctaga acttaaagta taaaaaaaaa aaaaaaaaag 9420  
 aacgccctct accagatact gtgagactta cgccaccctg ctttcagctc tctagcagat 9480  
 gtcgtttgat cagtggggcc ttctgataa taaatatatg taatataaat atatatataa 9540  
 acaaaaggca cctcaccctc ttactgctag catcacttac gccctttatt ctgttttctt 9600  
 tttcctcata gcacttaacc accaccagac acttgtgtgc gtgtttatta tctatttctt 9660  
 ccaactagaa aataaattat ataagggcaa agatgatgtt ttgcttgctg ctgtatcttc 9720  
 agtccttag gattgtgcct ggcaaatagt aggtataaaa cagttgttta ttgaattact 9780  
 agaaaaaat ctctaaaatc tgtagtcctg cagcatgtga agaaggaata ttagactctg 9840

10043715 "010903"

cctgcctttc tgaaagtgc atatacttaa gtgatgctaa taggatatgt aagaacatgc 9900  
 ttcataatgt tgagccttga tgatctctga caggagaaat ggggtaaacc tttttttaa 9960  
 aaggacagta taatctgttc ttggcagcag ctttctataa tctaggaaat aattcaatat 10020  
 tattaatttt cgaattagat atagtcggcc ggggtgcagt gctcacacct gtaatcccag 10080  
 cactttggga ggccaaagca ggcggatcat ctgaggtcgg gagttcaaga ccagcctgac 10140  
 taacatggag aaatcctgtc tcaactaaaa atataaaaa attgcttgaa ctagcaggca 10200  
 tgctgtaat cccagctgtt tgggaggctg aggcaagaga attgcttgaa cctaggaggc 10260  
 ggagattgag gtgagccgag atgggtgcat tgcactccag cccgggcaac aagagctaaa 10320  
 ctccatctca aaaaaataat aataatagta attagatata atcgtttttc attaaattcc 10380  
 ttcactaaaa tcaaatggta actgtgctac ttgatacctt tacttataaa tagtgtttat 10440  
 gttatatggc caaggtcagt ataggtattg ttaatgtgat aatggcattt gtttattaat 10500  
 ttgttattta ttggttattg gagcagatta ctagaaggta attcaagttt tttgactatt 10560  
 ctgtgttctc atcctcagta atgatcattc caggttgata aagatctgtt ctgtttttta 10620  
 atagctccag aggagaaaag tttattctct ttttgaatga tttttttttt ttatgtatca 10680  
 cttcggcacc tattcaatgt gtgcacaatt actatgccc aggagctcct ggctgattac 10740  
 tatgatgtgg catgagccca aatttggcaa ggttcacttc ccaaggctgg aatcagggaa 10800  
 agaccggtga tggccaaagt ggtcccagaa ggaagggaag gaatttattt atccctacac 10860  
 tgctgcattt ggaaggctgt tgggtaggag ggaaggaag ggcaaacatt ctagaccaag 10920  
 gagttgcttg accgaagaca cacaggttgg ggaagaggaa tagggtataa gagtgtgaat 10980  
 gggacagaaa aacaagagag ttccacaggg cccaaggctg ggaagcaggc tgggggacag 11040  
 gtaatatagat ctgtgcaggg gagtttcagc atgagaactg ccatttcagg tttaaactct 11100  
 attcactggg cttggataca atgaacaccc ctgtcatgtc agtttatacc catttcttca 11160  
 tgttctgaca cttgaaaact attatttttt agataggatt cttgagtatt ttaatttttc 11220  
 taaatagta cacatacagt gtttctttga ttacaaaagt ctgaaccgaa gttgttttaa 11280  
 gctattgccc ctttaggacc acatatatct gacttttata ctgggttatg ttctcaaagt 11340  
 ttctggagac aaaagattat aggcctttta atctgtgacc cttgaatttt cattgttag 11400  
 gtttgttgtt tgttgtttg ttttttctg ttgtctgtgt tttattttgt agtggggaat 11460  
 tagacagtaa tgacagaaag aagcatgttt cattaagtgg atgatcccat tcagcaacaa 11520  
 taatactaact actcccacag agccaaagcc ttttttctgg gtggatgagt gttttataaa 11580  
 agaagtacct caggacttca gcctctctca ttctccacca gatggagttt aacagtttgg 11640  
 atggaaagtc tgaaatgatt ttcccttgtg atatcccgtt ttttatgtct atgtataaat 11700  
 gtataatgac taatttggaa atagcgctat caatttatta aactaggaag cattatttcc 11760  
 cctggaatta gtttctgctc tggcccagga tcaactgtgg gtagaacttt caccacagaa 11820  
 tagcctctgg taaaagatga ggcctgtact tgcctactt taacgcttct gtatatgttt 11880  
 taaaaccttg ccccaatcaa ctctataaga atgttataaa gagagcagtg tgttatgaag 11940  
 tgtttcattt tactaacaat tttattttcc aaagaaaaat gcaaatgatt actatattag 12000  
 acatacagta ggagtagaag aagtggctga cttaaaacat gatgaaggag aataaaatgt 12060  
 ttctggtgct acagtttcaa gttttgaagt ggacagccca gcagaacaaa gctagggaga 12120  
 cctgggggct ggtcactgtc gagtgagctc atgtgcctgg ttccccctg catcctcttc 12180  
 acaccccgat gcgtctccac ctccctcatc ataggggata cctgcccctc ttggggagca 12240  
 ggctcttggc agcagctctt ttgagaagtg agccactatg taaagcctct gccattcttg 12300  
 agagtctgct ctgacagtgt attctccatt ttcttagccc agtcagttag gataagtga 12360  
 aacattgtat cgtgtaagt gggatatttt aacacacaaa ctgtctgtct tttcctttta 12420  
 atggtagaaca accttttgtg gtatcatggg gtcttgatat catctctcat cttcttaaat 12480  
 taacataatt cgaatattag tcatgttaca caaacagact gctagaaacc acaccggat 12540  
 ttcatattgct gtgtgtcaac agtagaaatt caggacaatc ctctggtttt gccagcagta 12600  
 agtttccaca acagttatca aagtcagcct cttttattcc aaacagtgat tttgggtggc 12660  
 tttcagacac ctttcattat gtcttcacac ctgcagttat cgaaggatgt ctggtctagc 12720  
 tatatgaaaa ctgaaaatcc aaaataaccc aggaaactct tttatttctt gggttctccc 12780  
 aaacacagtc gaagtatgtc gtttcatcat gctaacagat tatagatgac tattagataa 12840  
 tatagtgtcg aaagaaaaat gtcccacatc aggagccacg tgtcttttca ggaaccagta 12900  
 ctatgaaaca tcaagtcttg atcagtatga aaattgtctt ctctgttttg gtaggtacac 12960  
 ttctgttttc ctaacaacag ggtggtagtg acatcagtag tggggtcctg ccgcatgta 13020  
 agagggaata ttagactcag catgcttttc tgaaagtgat gtataactga tactaatagg 13080  
 atatttaaga acatgcctta tatgtttgag tcttgatgat ctctgacatg gaaaatggg 13140  
 taaacctttt tttaaaaagg acaaaatttg ggagacctga ttgtaaatct aaaaagtcac 13200  
 aacccctgcc agagtttgca gaacagtagc cagaaacctt aggtattgtt ttttaggttt 13260  
 ataggacaca tttgggggct tagtcattta actgatcttt tctgtagcat aaacataatc 13320  
 atcaccagga aacgtctctg agctttcatt cattaaacaa aatgtactaa acacttaaga 13380  
 ggcagtcagt gttactacaa agcaccacag tatagtactt atttttttaa catcattacc 13440  
 acttggtaat atctccgtca gctcatagcg ttctggaaaa agcccaggtc ttatgctgtg 13500

10043715-010902

tttgtgctga gttgctccct tacatgtgca ttgttttgtt tttcactaaa ggttttctcc 13560  
 atatttcttt ctaattaatg tcagtgtttt ccaagcatta tcttcagtct tttcctttta 13620  
 aggatcctag acctgttctc tactctgcca accacacccat acccagggtta tcatccacca 13680  
 tcatatttg cctgggtccct gggttgataa gagggttcat taaaggggtga tgtgaaaatg 13740  
 atgtgatgaa agggcacaga ccccttctga attctttacc acccttagca acagcaggct 13800  
 gcgcgggtacc tgtcttatct ttttagcagat ggaattcatg ttctaattct caatggaata 13860  
 aattagggga tgttgggaaa cgtttgcgtt taatgaagca ggaggaatta tacattttta 13920  
 taagccagcc attaaaatgt ggacattcgg catttaaaag aagtttctat ttagtttaaa 13980  
 actagcaact tgagctgcaa tgataagaaa tgctcatggg aagcctaate cctctgctcc 14040  
 actgcacatt cccttgtttt cttgccataa aacatgatat agcctcggga attttgttct 14100  
 cctgttcttg gggattagt gactacattt tagttttcac cttttgtgtc aaaattcaag 14160  
 ccgccagcaa tttgcttttc atcctttgat ccgaagaatg ttttcgtcaa caaatgctgg 14220  
 acttcagtgc acggaatggt aatgtgtacc ctgagccgcc agctaggaga accgtttaat 14280  
 atgacgaagt gcagtggaga gcattattct tcttgaggt taagtactta cagtaaagat 14340  
 gatgtttgat cacaggtttt aaaacctata tcacatttac tcttaaaaat aatttaggtg 14400  
 catttttaaa aattactagc aaagcttttt ttccaaatga aacctgtaga atatattac 14460  
 atcgggattt ttatagaaca cattattact ctttttaaga aacacttcca tgtgtagaat 14520  
 atgaaacat aataggcttt aggatttata cttaaagcag tgctaataat attttgaatg 14580  
 acacgcacgt gacacagtat tttgggtttac ttcctaaagt taaacattaa actctgcccc 14640  
 attatgtttt taatgatgat tttatcttta aaatatatat atataattgt attcacattc 14700  
 tttaaaaaaa tttttccct aggttgccat tgtttatctg gctttcagag caatatttct 14760  
 aaacatatgt gaaaaacaaa aacaggcaaa cttcaacaac aaaagaaggt tgctactgag 14820  
 tgtacgtggg ccagggttgc accctcggga gcccttctc tcagggagcc cctcctgctg 14880  
 cttttgcgac tccgactctt ccagcagggt tctagtctg gcagcagtg gcgagcaggt 14940  
 tgccgttcac ctgactcatc ttcaaataat aacttttaaa atttatcttt agggaggtt 15000  
 tttgacgtaa atgtatcaaa actttgacaa aaatgttgc acatcatatg cctgattttt 15060  
 ccctcatgaa ttgaaattca cagaaaataa aggaattaat cttgtgctga tataaaattt 15120  
 tattgagtat tagaaacatt tgtttataat gagaggggaa tgtggctggg aggacataat 15180  
 taaatgaaac ttttaggacc atttatttat gaatttgcta agcaaataa gattccttag 15240  
 gtctgttcta gagtctctga tggctgcaaa ggggtaagcc acagtgtta cctcctgaa 15300  
 gtattagtgt gtattataca tgacagggt ggaacaattg taatagaaaa ggagaaagtc 15360  
 agtgtatctt attggcataa ccaagaagaa cctaagttca tagaaacctg tttttgaatc 15420  
 ctggctttga tgcattctaa tcatatacag tacaagcgtc ttaacttct tgtggacgat 15480  
 ggggtgtgga tcaactctgt catgggtggt aattaggttt aaacctggag ggtgatgtg 15540  
 catagatgtt ggcaaacctt ttaatgtcaa gggctggata gtaaataatt taggctttg 15600  
 aagccaccta ttctctgtca tgaatactaa actgtgactg tagcacaata gcagccacag 15660  
 acagtatata aagaaatgag cctggctgtg ttccaataaa actttatcca caagaaccag 15720  
 tggagagcca catgcagctg gtgaccatag tttgccaatc cctgatataa ccattactca 15780  
 cctgtaatcc caacactttg ggaggccgag gcgggtggat cacctgaggt caggagttcg 15840  
 agaccagcct ggacaacatg gtgaaacccc atctctacta aaaattcaaa aattagccag 15900  
 gcatggtggc gggcacctgt aatcccagct actcgggagg ctgaagcagg agaatcgctt 15960  
 gaacctggga ggcagaggtt gcagtggacc aggattatgc cactgcactc cagcctgggt 16020  
 gacggagcaa gactccaaga cttcatctca aaaaaacaaa aaaagacaac acaaaaaaa 16080  
 ccagttactc aacatagtat catagttgtt acattaagta acatgcagta gcaaagtaag 16140  
 cagtatcaca gagtcatata tgacaagtgt tttgagtcca taacaagtcc tcgttcttgt 16200  
 cctcgcagac ttgttgatcc caggcaaggc acttttctt tctgggtctt ttatcagtac 16260  
 gacttttgat tcagcagcag tagtcttgtt tagggggcag gggcagaggt taagggggac 16320  
 agggaggtat ataaaggact tttattctta tgaatccaaa cagagggcag agttgtctgt 16380  
 gctttgtttt ggtgccatgg atgtttaaaa ggataccatt gtcttctgtt catttaagct 16440  
 acccatttta tcttttctct gttaccaga atatcagtc tgtttaacaa atatgtaatg 16500  
 attcaaaatt catttgacag tttttaaact ttgacagtgg tctcctctag cagagatttc 16560  
 agatactatg tattcagaga cagaaacatc attctgtgt tatctcagt aaagaaaccc 16620  
 aggaaaggaa tcccagcccc tctacatcc tctccaagct acaggcatgt ggctcatcca 16680  
 ggaggggaga agggagcaga gaagccaccc tgggtgtctt ctcaccata ctgctaattc 16740  
 tgacctgacc tgaaatttaa tataatcaag gcaaaatcag attaaaatgg agccaaatag 16800  
 tttacactt caaatagttt ttacgtacat aaaaaatata tgggtgtcgt tttaaattat 16860  
 tcatattatt tgcatatgct aaaaaagaaa tcagcatgct tcttgaaatg tcttaacaat 16920  
 ttaaaatatt tataatataa ctgattctta aacttttata taatgcagta tatttgaaat 16980  
 tttaaaagtt caattattta cattctctt gggaactaca ttttatatat tctgttactt 17040  
 gtaatcaaat aattatatga cattcttaat gtctgtacct acaaacattg aattcatgca 17100  
 tatttataag gtagcttatt gactataatt cattgttgac ctttctgatg attctgtagt 17160

10043715.010902

tagattttta aaatatgatt gaatgtggaa tatctaggca tagactaaca tgggtttgaa 17220  
 tcttagctgt gacattttatg agctgtgggc tcaacacttt aaaagtaatt aactgcattt 17280  
 ttcattctttt aaatcattct ctgagaaaaa gtcaactcct taattagtcc ttgtttgaat 17340  
 tatgatcaaa tagtattggt ttgtacagaa tgatgctaac ttaggatcca ggctatagat 17400  
 ggctgcaacc ggaatagagc catttagtca tcatatgtac aatagagtaa gaaatgcaaa 17460  
 aaaaaaaaaa aaaaaaaaaa agatacaaga taagagcact tttaggttct aagaatttaa 17520  
 aatgtgtatc taggttagag tgaattgggg tgaaatttcc tgtgcttcca agttaaccag 17580  
 tagaagtgtt gaaattgatt tcaagaattg atagtgtcct attaaacaat cagaagacag 17640  
 aaggtactag tgagaagtct tgatttgact atggggctaa tagggagggtg cttgttgtgc 17700  
 aagcttatgt gagagaatag ctgtatcagt agagtaaaag accctagagc gggctgggtg 17760  
 cagtggctca cgcctgtaac ccagcactt tgggaggcca aggcaggtag atcacttgag 17820  
 gtcagggtgt caagaccgc ctgaccaaca tggtgaaacc ccgtctctac taaaagtgca 17880  
 aaaattagcc aggcattggtg gcggatgcct tgatgccag ctactcagga ggctgaggca 17940  
 agagaatcag ttgaagctgg gaggcggagg ttgcagtgtat catgtgtatt ccatatatac 18000  
 aagtgaagat atgaatccat actgataact tccagtccag caccactgaa tttattctag 18060  
 tcgtctccat ttccttctct tcttcacca cagtgagaaa cctggttctgc acctacagta 18120  
 tgtttacata tttgctcagt tctagtatat aaataaacta gtttcagaaa tccttacctt 18180  
 tactcctgta agaaacagat ttaaaattac gtgcagcgtg tgccattctt gtctctagcc 18240  
 ttcacagtct ccagtcaaaa ccctctttgc caaggttatc taggacagga ccttactttc 18300  
 catgccctta gcgtggctgt gccatccatg cagctgcagt cagagccgtc tgtctcagct 18360  
 tgcattcctc ttaggttccac ctccactcct agttgattcc gtttttattt acttacaata 18420  
 gaatttactt tatggtgtat agtacgtgtt tcttgacaaa tgcatagaat tgtatgttca 18480  
 tcacatggac acaaggaggg gaacatcaca caccagggtc tgttgggggt gggggacaag 18540  
 gggagggaga gcattaggac aaatacctaa tgcatacggg gcttgaaacc tagaagacgg 18600  
 gttgatgggt gcagcaaac tccctggcac atgtatacct ccatggcaca tgtatgtaac 18660  
 aaacctgcac atttgccaca tgtatccctg aacttaagt ataataaatt ttttaaaaaat 18720  
 tgtgtgttta tcccaccttt cttttctaat gttggtatt tgtatcttct ctctctcttt 18780  
 cttggctagt gttaccagag aatttttcta agaaccagc ttttggttct cttgcctttc 18840  
 tctatttttc ttttttcaat gtcattcatt ctgttcttct tttgattatt tttccctct 18900  
 ccttgctttg agtttagttt gatcttcttt ttctgatttc ttaaactgaa aatttagatt 18960  
 tatccgagaa ccttcttttc taatgaaagc tttgaatagc ataaatttcc cactgaccac 19020  
 tgcattagtt acatcccaca aaattcgaat gttgtgtttt aattttcctc cagttgaaaa 19080  
 tatttgacat gttttgagac ttctctatta acccaatgaa tatttagaga tgtgttcttt 19140  
 tttttcttca acttctaagt tcaggggtac atgtgcaggg tgtgcagggt tgtgcacag 19200  
 gtaaactgtg gccatgggtg cttgctgcac aaaccatctc atcatctcag tattaagccc 19260  
 agcatttctt cctgatgttc ttccccca tgtgtcctcg tgttttcgtc attcagctcc cacttataag 19320  
 gtgagtattg ttccccca cgttatttg ttttctcttc ctgcattagt ttgtgagga ttatggcttc 19440  
 tgaaaacatg cggatatttg tatgtccctg caaaggacat gatctcattc tttttgatga ctgcagagta 19500  
 caaatccatc tatgtccctg acgttttctc tatccagtct atcattgatg ggcattcagg 19560  
 ttctatgggtg tacatgcacc ttacgaatga acatatgcat gcatgttattc tttatagtaa 19620  
 aatgatttct gttccttttg gtatataccc agtaattgta ttgctgggtc agatgggtatt 19680  
 tctgcagagg tctaggtctt tgaggaatca ccacactgtc ttccacaatg gttgagctaa 19740  
 tttacactcc cactagcagt gtcaaagcat tcttttttct ctgcaacctc tccagcatct 19800  
 gttatttttt aactttttta taatagccgt tctgactggc ctgagatggg atctcattgt 19860  
 gggttttgatt tgcatttctc taatgatcag tgggtgttag cttttcttca tgttgttggc 19920  
 tgcagtgtat tgttcttttg agaagtgcct attcatgtcc tttgcctgct ttttaatcgg 19980  
 gttacttttt ttcttataaa tttgtttaag ttctttagt actctggaca ttagacctt 20040  
 gtcagatgga tagattgtga aaattttctc ccattctgta ggttgtgtgt tcaactctgat 20100  
 gatagttcct tttgttgtgc agaagctctg cagtttaatt agacccatt tgtcaatttt 20160  
 tctttttggg gttttcgtca taaaatcttt gccgtgact gtatcctgaa tgatattgcc 20220  
 tagattttct tctagggttt tcatagtttt tcattttaca ttttaagtct taatccatct 20280  
 tgagttaatt tttatatata ttgtaaagaa ggggtccagt ttcagttttc tgcataatggc 20340  
 tagccagttt tcccagcatc gtttattaaa tagggactct tccccccat cacttctttt 20400  
 tgtttgttga agatcagatg gttgctgggt tgcagtctta tttctgagtt ctctattttg 20460  
 ttccgttgat ctatgtgtct gttcttgtac cagtatcatg catgtgttct ttaattctgc 20520  
 aataatttga tgggttttca gatatactcc aattaattga tttctgggtt aattctgttt 20580  
 tcatgtaaaa acacactctg tatggtttct actggtgaat gttccacata cccttatata aaaagtatgt 20640  
 tagctcagaa tatggtatgt actggtgaat gttccacata ccttatata ttttgatagt gttttgcggg 20700  
 tctgctgttg agtgaacat ttctataaat gtctattagg tcttgatagt gttttgcggg 20760  
 tcttttatgt tcttctgat tttctattta tgtgtcccat taattaccga gagtggatta 20820

10043715 "010902"



ttgaagtctt cagctctgat tatggattta tttttttcag tttccgctcc tttattttcga 20880  
 agctctattg cgtacacact taggattgtt atgttcatgg gatgacctat atcattatgt 20940  
 aatgctcctg tttatccttc ataataattct ttgctctgaa gtccacttcg tctgatatta 21000  
 gtatagtttc tgcagctgta ttttagttat tgatttatgg tataatctttc cccaaacttt 21060  
 ttttttcagc ctacttatgt ctttatatca atatttaaaa tgcgtttctt atatacagta 21120  
 tatacatggg acttgcatgt ttttcagtcc tagtcatttc tgtcttttaa tttatgtgtt 21180  
 agaccacccc ttttaattgt attattttgtg taattggatt aaaatgtacc atattggcaa 21240  
 ccgttttctg tttgtttcat ttttgggttt cagttttctt ttgatgcctt ctctagtatt 21300  
 aactgagtgt tttttatgat tctgttctat ttcctctact gacttattat ttatactttt 21360  
 aaaaaattgt atttatctac cttcagataa tattacattg ctttacatgg agcctataga 21420  
 ctttactgca gtttatacac agctccttct tcccggtgctt tatgctattg tggccatacc 21480  
 tttttacatt tacatctact gtgaacgcac agtacattgt tttacacatt caggatatctt 21540  
 ttagagcaat taaaaaataa gaaaaaaaat tgtgtcccca tttattctat tttcactgct 21600  
 ctttgtttgt ttgtgtagat ccgggcctcc atctgatgtt gtgttcttc tgcctgagga 21660  
 acttccgttt aacattttatt gtcatcttt tttcatcttt gaaattatt ttcaatgggc 21720  
 tttgtttttc taagaaagtc tgtatttctc tattgtttacc atatttttta tttgcacct 21780  
 atagaattct ggatttaaca gttttcttga tattgttacc aaagtcccat ctgttattgt 21840  
 tttcattgga ttctttttta tagttgtcag cactcagctg aaagtcccat ctgttattgt 21900  
 ctacctttcc ctttagagcc ttcaaaatat gaaccatagt ttttttaa tctcagtcac 21960  
 ttctaacata ggtgtcatat ctgactgtgg ttctgattat tgctttgtct ctctgaagta 22020  
 tgttttttcc ttgccttctt gtatgccttg taattttgtg ttgaaagctg tacatcttgt 22080  
 gtaagacagt agagacccat ggaaattgtt tgtatcctag aaatgtgcat gcctctcctt 22140  
 cctagaggcc tttagtgtgg gagtttagagt ttatctagtt aggagtttgc taggtttgag 22200  
 agatttgttg gcagctatcc tcaactgcagg aaaggcttca tgttccctga gagatacctt 22260  
 gtgtttttgc tgggggttgg atcacaagaa catcacctgt tcagttctag ttttaggtct 22320  
 tcccttttga ctatgcctca gaaagggtct ctctgcacat tctgttctc ctgtttctct 22380  
 ccaagcactg ttttgttacc tgtaatgcta agctccttag cttgacattg tggggcaagg 22440  
 aggaggatgg ggtgctgtct ctgttccgat tgagttacag tctcgtacct gcaccatttt 22500  
 cttagggtttc tgggctgtga ccttctcagt tctcctccct ctcccccaag tgttgtggga 22560  
 gtttctgtgt aatcctgtcc ctcccccaagg agacaggttg tatgtgtatg ttttctctgt 22620  
 tccctttcca cactgcagtg agttttcagc agtgtcctaa ggacaacagt gcgtgccgcc 22680  
 cttctcctca caggataggt cttttgtttt cctggtggag acaggggaga tggatccagg 22740  
 tgtagttcct tgccactcct cttaggttac tgccttctct ccccatatct ggaacacagc 22800  
 ggacacttct taccacccc tctgtgagc acctgggtga tgggtcatggc atagatcctg 22860  
 tgtgagaatg taaccctcag aggtttcaca caatcttggc agccactct tgactctaac 22920  
 cagatacttg agcgggactc ccctgactgg gggtctgttg tgtctgccct cggtgacaca 22980  
 agcttgtgtc tcttagatt ttgggctgtt gattatctgg gacctcggct tattgatggg 23040  
 tttggaaaaa gttataaagt ttaaagttag gctgtacgtg tgtgtgtgtg tgtgcgcgcg 23100  
 cgcgtgcaag tgcacgcttg tgtgtgtgtt taacgtaaac aggtcccatc cttgttagac 23160  
 tttacagcaa gagcagcctt gaatgaaatc atcctttctc tccagtaact tattctccca 23220  
 gtcattcagt tctctttagt ctttttataa attttacttc tttaaagaag atgcgtctcc 23280  
 aaaaaaaa aatacctaatt ttgctactga tgtggcaaat tcaagtcaaa ttgaggatga 23340  
 ctgaaatttt acaatgccaa ggctcgttgt tggccaactg tcttattctt cccaggggcc 23400  
 ttctcctcag ccagggcgga ggcctcgtgt gggcagggtc cttgtctttt ataactctcg 23460  
 cagagttgcc aaacctataa aaaattttta aaatagcaa ggtagagaag tagctagggt 23520  
 gcaggagtct gggatattac ccagaaatca cacattctgt ctccagcata ggccctaga 23580  
 gccagtcaat actttggtat tattttatct cattacttat tttacagcat aatagtagaa 23640  
 ccctaaaagc aaaagcctta tgaaatcaca tgctaacaga acctaaatgc atgtttcatc 23700  
 ttagagtttt ttaattataa aagtagcaca cgttttgtat aaataatgta aaatgtcaag 23760  
 ttcttttcat cccctagaaa taatcacctt ccaatctttt ctatgggtct tctaaggctt 23820  
 ttctctaacc tcatttttgt catatacaaa gaaaaagtaa aaaattaata tctaggccat 23880  
 ttgggaaagg cagcctattg cttgttgctc aactgtacat tgtctaattg catctttatt 24000  
 tacctgtaag tgcagaatgt ccccataact aaattttatt aagctttcag tgggaaagag 24060  
 atatctcagt gacattcctc gaaaatgtga agagttttaa agttcccatg gagcttatga 24120  
 cctctaattt gcaagatttt ggatcatctt gaagattcct tgttaaactc agtttcacat 24180  
 gatgttaaga ggctgatact aacgactttt agataatatc cccctttcta tgaggaaatgg 24240  
 gttgaatcat atcacagaag aaattgacag gaaattgtag catctctctg agtaaataag 24300  
 aaggcttaca cattaggtga atatgacgac acggaggacc attgaaacat gcctgtgtca 24360  
 accaaaagaa gaagctaaag cacaaagtgt ggttgaaaga gttgacttga gccagaataa 24420  
 ggacagctgc ccagatgact cacccaaact gcttgcttgg cctttgttac aggagatttt 24480

10043715 "010902"

10043715 010902

ttaaaggcaa	aaagaaaaaa	acaaaaacaa	aaaaacagga	ggcaggggag	gggggcccgt	24540
gttaccgagt	agactgttag	acagttctgt	caggaattct	catggatata	cagaagtaac	24600
agtgattagt	gactgccgtg	ccacggttaa	gctatagaat	gtgggatata	gtgtccagtg	24660
ccacattact	aggtttaattc	acagctacct	gtggcaatgg	gaagcagctt	cagtaaagtg	24720
tggagtagga	tgtgattgct	gtctcatctt	aatgcctctt	tggggcctag	taatttgaaa	24780
gggccacat	tcttcagata	aaagtccttt	tctttcctca	tctataatac	tattcaaate	24840
taaagaaaat	gtatgttgct	cacagatacc	aacagccatc	agttttttgt	gtttgattta	24900
atttgttcag	taaaaggaag	atacaaaata	gggaaaaagc	tcaggaaaag	agttgcgttg	24960
aactctttat	taattttata	tgtagttcag	ttgtgtttta	aagattttca	agtgcaatct	25020
tagaggcctt	catttccttg	tttcttgatt	accctccacc	tgcctcatte	cccttctgag	25080
agtcatttcc	cattcctcgt	ccctgacccc	ggccctctcc	gcagagctgc	cctcctctga	25140
atcctgatgg	ccaactgtct	tattcttccc	cagggccttc	tcagccaggg	cggaggctcg	25200
ttgtgggcag	ggtccttgct	ttttataatc	cttgcaagat	tgccaaaacgt	ataaaaaatt	25260
tttaaaatag	cacttggtgca	cttggaagc	attccatcac	atacctcttg	gttgttttta	25320
ttagatgaaa	aacagagatt	cagttatgag	cgatctggat	atgatcttga	agaatctgat	25380
ggcccagatg	aggatgacaa	tgaaaatgaa	gacgatgatg	aggacagcca	ggctgaatca	25440
gtcctgtcag	ccacacccctc	agtcacagct	agcccgcagc	accttccatc	tagaagtagc	25500
cttcaggacc	ctgtgagtac	tgacgaggat	gtcaggatca	ccgattgctt	ttctggggta	25560
cacacggacc	caatggacgt	tctgcccagg	gcgctgctca	ccagaatgac	tgtcctgagc	25620
acagcacagt	ctgactacaa	taggaagaca	ctctctccgg	ggaaggccag	gcagcgtgct	25680
gcgagagatg	aaaacgacac	aattccgtct	gtagacactt	ccagggtccc	gtgtcatcag	25740
atgtctgtgg	actaccctga	gtcagaagaa	attctgagaa	gttctatggc	aggaaaagct	25800
gttgctataa	cacaggtaaa	tgattggcag	ttgttctttt	atttcttttt	tcgttttaac	25860
ctattaaata	tggagaactt	aatggcttaa	gaaaataatg	cacttaagtg	atttttttag	25920
gccaaatcag	tttgtatagc	tttatttttt	tcttgatttt	aagggtagag	ggtatttttg	25980
ccctttggag	tcttgttgag	tatcttaagc	agttcagata	ttttattgta	aatctatgaa	26040
agaaccaaat	ggttcttgaa	aaatacaccc	atttattttt	atttgctttt	tgaaaaattt	26100
ttgaaattaa	aaaaaaaaaa	aaacgtgaca	gtggcgaaac	caagtcccgc	aactgattta	26160
tctgctggcc	ccttctgagc	agtttctcca	ctggtgctga	tgtgatgatg	gatttttact	26220
gacttaccac	aacattttgc	actttgcccc	cattggcaag	acagctacca	gtttctatgg	26280
caaagttaat	gtgaccgaa	aacacatcaa	gaagttcact	ttgcttgaat	tatcacattg	26340
ctacagcagc	ttgggagagc	tttctgccc	agaactatct	caaggcaggc	acaggcctct	26400
gaaaagtcac	gctccatgtg	ctgtgagtga	gtccctgctc	tacctctggc	tgttttgtga	26460
caaatgatta	attctgggag	gaatacattc	ttccctcatt	gacagttctc	ttacctctag	26520
tatgtattga	atattgcaat	aggatttatg	cctaattgtg	gcagattgtg	ctgtaagcgt	26580
ctctatccca	aaacctctca	gacacttacc	agtgcctgga	aatctgggtt	tcagtagaca	26640
tttcataaac	ttgcaagtga	tagacaaaca	accagagaac	tttttcatag	taacatctct	26700
tcacaaataa	ttcttttagt	catttttccc	cattgagttg	acatagccaa	cttgaatctc	26760
aattttctcag	taactcttaa	tctctaaaaat	aagggtggagc	tggtagtgcc	agaaacagaa	26820
ataataacaa	aaatagcagc	ttaagaatat	agctgtgtcc	acttctcaga	gttattctct	26880
gtgtacaata	tgacaaaatc	caggaaaattt	gcttcagaca	tgcaaaaagac	tatacaagat	26940
gtattgccat	tatttctacc	agaaacgaaa	ttaaagatgt	aataattgtt	taattggaag	27000
cttatttttta	aaaatcgaaa	aataatttca	ttgcagcaaa	catcattttt	atcaatgcaa	27060
atatacttac	ttttatctca	ttgtgaagaa	atagatttag	cactagcttt	atatctcagt	27120
gattacaaaa	gacctgtcat	aaaaggattg	ctctctcttg	tcatttagag	cccatcatct	27180
gtaagacttc	ctcctgctgc	agctgagcac	agcccccaga	cagcagcggg	gatgccttct	27240
gtggcctcac	cacatcctga	ccctcaagaa	cagaagcagc	aaataactct	acagccgact	27300
ccaggcttgc	cttctcccca	cactcatttg	tttagccacc	ttcctttgca	ttcccagcag	27360
caatcgagga	cacettataa	tatggttcca	gttgggggga	tccatgtggg	acctgctggc	27420
ctcacatact	ccagttttgt	gccccctcag	gctggaccag	tgcagctcac	gatccctgct	27480
gtcagtgtcg	ttcacagaac	tttgggtact	cataggaata	cggtcacaga	agtgtctggc	27540
actacaaacc	ctgctggagt	ggctgaatta	agcagtgttg	tgccatgtat	tcctatcggc	27600
caaatccgcg	tgccaggcct	tcagaacctc	agtacccag	gcttgcaagc	actccccctg	27660
ttaaagcatg	aaaccgtcaa	tattgtaggc	ctagccaata	caaatatggc	cccacaagtc	27720
catccaccag	gactggctct	gaatgctgtc	ggactgcagg	ttctgactgc	aaacccttca	27780
tcacaaagca	gccccgcccc	tcaggcacac	attccaggtc	tccagatctt	gaacatagca	27840
ttgccacact	taatccccctc	agtcagtcaa	gtagccgttg	atgcacaggg	agctccagaa	27900
atgccagctt	cccaaagcaa	agcatgagag	acacaaccac	agcagacttc	tgtagccagc	27960
gcaaaccagg	tcagcaggac	cgagtctcct	caggggttac	ctacagtcca	gcgggaaaat	28020
gcaaaaaaag	ttctgaatcc	acctgcccct	gcaggtgacc	atgcaaggct	tgtatggcctg	28080
agtaaaatgg	acacagagaa	ggctgcctcg	gcaaatcacg	tgaagcccaa	gcctgaactc	28140



acttccatac agggccaacc agcgtccacg tcacaacctc tgctgaaggc acattctgaa 28200  
gtttttacaa agccctcagg ccagcagact ctctctccag acagacaggt tcccaggccc 28260  
acagcactac cgcgaggga gccactgtg cacttcagcg acgtgagcag cgatgatgac 28320  
gaggacaggc ttgtgatagc aacctgatgg attttatttt ttatttgctt tttttttata 28380  
taacacttaa aggtttcttt gaaaaccctc ctttctttaa agcacatttt tctgacataa 28440  
actcatgact aatctttgtg caatcatgaa cttttgacca ataattgttg ttttggtgca 28500  
gctccagcca tttttgtaca tgttgtatag acaattgtgc cttttaggag ctttatgttt 28560  
agaaactgta cagattgttg aatatctata tacataaaaa tatattatat atgtatatga 28620  
aaaccaggta gttattgttg tttagtgaag aaaacctgtc aaataaatca aatgattaaa 28680  
ttatatgttc cactgttgaa tataaatttt atggctatgg ggcagagttt ctgtgtataa 28740  
attagtatgt aaactccata tttattgtat tcatattagt ctttgaaaaat gggctgtgcc 28800  
tccttgtgta agacagtaac tttacacttc agacagattt tctgtgttat gaaatgtttc 28860  
agtaaaatat tgtttactga ctttaccatt gcttcagttg tgccttcttt atatcatcca 28920  
gtgatcagtg atctgcattt ggaaaatagc cctgggttcc attctttcca cattccctc 28980  
aacccttcat tttttttata aacagagact ttactgcct ttctaccatg tgaactgta 29040  
actgaaatcc atacaactga ttgacctatt tttcttattt gtgagaagtc atttcatagt 29100  
tattattaga agactaaata tataagaata ctttctgtat atacataaag catatagcct 29160  
aaaatgggca acgttccctaa atgagggatg cccgtataac gggaaacatg agttaaaccc 29220  
cattgtcctt agaatttggc tcagatgaga cccgtataac ctcatttcca ggctccaaca 29280  
ccagatccat tctgtgggcta tgggctcttc tttcccttga tgctgttaaa ctcacagagc 29340  
tctgtccagc actgaactac agagtgtcca agattaccga agagccaaat tcagacttct 29400  
aaattactta agtgactctc ttttagacatt actatttctc gtctggaag gttgaaccat 29460  
ccttattcag gaaaatatgg cggcatgggg agccccaat taccagtgc gtgatttgca 29520  
ttattaatga ttatagatgc taggtttatg agaaaagtat tttaatgttg gaatttaaat 29580  
acttagcaca tcattaagtc aatgtattca cattttttaa ggcttgctta acaaagattg 29640  
cagagacatg aaataagtaa gacaacagca tgggttgcca ggtgagaggt aggggacagc 29700  
ctatctacta aggggtttgg agacctgtg ctagccaacc cagcttcacg tctgtgactt 29760  
tgcaaagacc tggcatttca acttgcgat ccttatctca attaggatct ccaagggtgtg 29820  
ctgcagtcct agcacgcact ggtggatctg tgatgcttta aatgaatgct tcaatttaca 29880  
tttaccatatt tccatagatt aagtaacaaa attctctcaa aaacaataaa actacatttt 29940  
tatattctga gatagctttg gaaagaattc tggaaatatc tgctctaggg attgctgttg 30000  
cctatcaata atagctgttg aaaatgaggt ctgttttctg tccagtttct caaaattaat 30060  
gttttaactg tgtcatgaac tttttattgc ctaaaatttt aaagcagtat aataagcata 30120  
ttcttaactc cataattaag tacagatgac ttctctaaat tcaaaaaataa tgcttgaggt 30180  
tttttagcatt gaggtttttt agtttctata gaattttctt aatttataaa attcctatac 30240  
ttaagacaa gtgttacgat gtgagtggat gttcccttga aattttcata atgctgtaat 30300  
gtaccttact cttattttgt acttttcaag attcttattt tgggcttttc aaaattcaat 30360  
gcatcgtgca aataccttta ctattggcaa ctttcaagct ttattgtagc ctttcaagta 30420  
ttttgctagt atttgaaata tgcagctcta taaaaatat taccaaagtc taagccatta 30480  
tattttgaaa ttacatgcac aaaatagaca agggaaacaat aattttgtgc tatttctccg 30540  
aagtcgtctt ttccaagga gcagtgtcca cttgatactc ccaaatataa acgacttcca 30600  
aataatgtaa ttcggagaac taatgggact acatttgact tttattctgt tgcactgtcg 30660  
tgtgtggaga cccaggcctg tagagaacta ggggtgcaatg acatagtaag ataatttatt 30720  
gacaaaacag gtgaaagttt taatgtgtaa caatttcaat acctgtgtg aatccactgc 30780  
aatgccatca tcagaagtac tggaaaaaac agctgaagaa ccacaggtcg tttttctagt 30840  
taaagattat tatatctggc ttatgaaaat gtattataac ataaatcgag ggcgttccaa 30900  
taacttattt tcattcccta aactttaagc caaaatgata attatttctt tcgaaatgat 30960  
aattaaccga tggatttgaa tgtacaaatt ttgtttctca gttatatatt tcataatata 31020  
gacctgattt tcctttcaca gaaacagtat aagtaaacag tttcttacta ataatccct 31080  
ggcctgaatt ttaaagata gcagttaata aggattatgg aaaataatca ttatttttgt 31140  
tgggaagactg tcaagatagt taatagatct tgattcatgc tcagttcaaa ttataacatc 31200  
agggttcttt ttgacttttc tgtttttcat cttacatttt gcagtcaact tcaaaataa 31260  
ccagaaagat gattttcatt aattttgttt caaaaccatc tataaattct aaatacagca 31320  
tgtatatcac ctttaagaat ttctctcaaa gtgacttccc atgacttaaa attctaaatt 31380  
tcctacttaa tattcaaaat atgtattttg taatatatat ttgtatatat ataatatatg 31440  
tatatattac atgcatgtta tatatacgtt atattacatg tatatatata tgttatatta 31500  
catgtatata tacatgttat atatacatat acatatatat gttatatata catatatata 31560  
tatatgtgta taatatatat acatatataac atatatgcac aatatatata catatatata 31620  
tgtgtatatg tgcgtgtata atatatacat gtacatgtgt agatgtgcgt atataatata 31680  
tacacatgta catgtataga tgtgcgtata taatatgtac acatgtacat gtatagatgt 31740  
gcgtatataa tatatacaca tgtacatgta tagatgtgcg tatataatat atacacatgt 31800

10043715 "010902"

1004374E.010900E

acatgtatat	ctgcgtatat	tatatataca	tgtacatgta	tatatgtata	tattatatat	31860
acatgtacat	gtatatatgt	atatattata	tatacatgta	catgtatatata	tgtatatatt	31920
atatatacat	atacatatgt	gtatatatac	atatatatgt	gtatatatac	atatatacac	31980
atacacgtat	atatgtatat	tatatataca	tatatacgtg	tatatctata	ttatatatac	32040
agatatacgt	gtatatctat	attatatata	gatatacgtg	tatatataca	tatatacata	32100
tatacatata	ttatatacat	atatattata	tatacagata	tacgtgtata	tatacatata	32160
tacatatatt	atatacatat	atacatatata	acatatatta	tatacatata	tattatataa	32220
ttatatatac	atgtatatgt	atatattata	tacatatata	tgtatatatg	tatatatata	32280
atattttata	taatataatt	tagtggcaat	aactccctgc	tctcattacc	aagtggggaa	32340
aaaaaggaga	aaagggttaa	agcaagaata	gcaaaatggt	tttctataca	aattatatac	32400
agactgttca	caacttacta	tggttcaatt	taatgatttt	ttcaacttta	cactgatgtg	32460
aaaatgataa	gcattcagta	gaaaccatac	tctgaatttt	gatatctttc	tgtgctagca	32520
atatagggtt	tgatctctta	tgatgctggg	cagcagcagg	agccaaagct	cccagccagc	32580
tacgtgattg	taaccacaaa	cacactacag	tgcaactgtat	tcaatacatt	atacgagata	32640
ttctagactt	tatttatatt	taaataaata	attgttagat	gatgttgtcc	aactgtaggc	32700
taatgtaagt	gagcacgttt	aaagttaggt	aggctaagct	atgttgttca	gtaggttaga	32760
tatatataat	gcttttttgt	cgttgttgtt	gttgaacacg	tcttgctctg	ttgccaggc	32820
tgtatgtcag	tggcgcaatc	tcagctcagt	gcaacctctg	cctcccaggt	tcaagtgatt	32880
ctcctgcctc	aaccaccoga	atagctggaa	ttgcaggcac	acaccaccac	actggccta	32940
ttttgtattt	ttagtagaga	tggtgtttca	ctgtgttggc	caggccaatc	ttgaactcct	33000
gacctcaagt	gatccgcctg	cctcggcctc	ccaaagtgtc	gagattacag	gcatgagcca	33060
ctgtgccccg	taaatgcatt	ttttatttag	gatattttca	atttacaata	gattcattgg	33120
gatgtaaccc	catggtaaat	caaagaacat	ctgtaatctg	aaagtcatga	tgcatttact	33180
taaatatatt	ggattccctag	tctttgcaca	cacagggtta	tctggaacct	tgcttataaa	33240
ggttctcttg	aaggcactgt	aggcataaga	gacattatct	gctcctaggt	gttactgtc	33300
ttctgaatct	ggcttgggtt	tgaagaaaac	gccagacat	ccaaaatcca	gtaataattt	33360
aagtaccaac	caactccaaa	agaaattaga	aggtacagtt	tctaccccag	aggagaatgc	33420
ctgcttaaga	cagatcaggt	aaactaggac	atgacaatag	accacatcat	agagaccaca	33480
gacttttaaaa	atgtatgaga	gttaagaaag	tgattgtctt	aagaagttaa	agaatgattt	33540
gtgtatacag	gggattgctg	tattttgaag	gaggtatggg	atttgggact	ttagaatata	33600
catgatgcta	aggagtagaa	caaaaatagt	agtcatgaag	tctaagacaa	atgtgtgcca	33660
gggaccagtc	taagtggaa	agaggattca	ctcagacatt	cgataatatt	tatttagcac	33720
caatagtgtg	gaaagcactt	tgggacctgt	aatcccagca	cttcggggagg	ccaaggtggg	33780
cagatcatga	ggtcaggaga	tagagaccat	cctggctaac	acagcgaaac	cctgtctcta	33840
ctacaaatac	aaaaaaagta	gccgggggtg	gtggtggggc	cctgtagtcc	cagctacttg	33900
ggaggctgag	gcaggagaat	ggcatgaacc	tgggaggcag	agcttgcaat	gagctgagat	33960
catgcccgtg	cactccagcc	tgggcgacag	agtgcagctc	tatctcaaaa	agaaaaaaaa	34020
aactttggga	atgcaaaatt	gatgcaaaatt	aaatgatgcc	tgtccttcag	gagcttcagt	34080
tctagtagaa	gagtaagtaa	gcaagatgca	aggtatcttg	aatggcaaaa	gaaggtacca	34140
ccgagtccag	caggagtgcg	aatgaaggag	aattcctggc	tgagttgatg	aggagtgct	34200
tcaaagagaa	tgagacattt	aaatatggcc	ttgaaggggc	ttggttaagc	agagacagtg	34260
gatgagacag	aacagacaga	agcactgtgg	aggagaatcc	gtatttatcc	ctacggcgtg	34320
ccatctataa	tcttatgtaa	tcattccaag	caggaaggat	tatctcttcg	ttttataggt	34380
ggagaggctg	caactcacag	atgtgatgaa	accttgccat	gcagatgctg	ggatttgaag	34440
ccaggatggt	gtgatgcaac	agcataacac	ataagcaaat	agtagggaac	gtgaaagggc	34500
attgagacca	agggaaataa	ccacattttg	ggatttagca	aggcatctga	cgaagccgca	34560
ataatattat	ggttggtatt	aaggatgatt	agtagcgtgg	gctcgtcaag	tggaaagagc	34620
aatcagtggg	tcagagcact	acagggaag	gagcacgggc	tgtggactcc	agaaaccatc	34680
actgtcactt	ttctaattgt	ttaataactt	acgggagagt	gaagcagtca	caggacacaa	34740
aagtaaggag	gaaagggaag	taatgcagag	gaggggtgga	gcaatcacga	gtgaccaggt	34800
gccaagctgg	ccacagtatt	ctttcttttt	agttggcgga	ctgaataaaa	tagaggaaac	34860
atgtgtgat	gacccaaata	ggtcaggatc	agtgtccaga	agattcaacc	aagtggagag	34920
atgggctgaa	tatgaataag	acaatttaac	aagaaagcaa	aagccttggc	acttggattg	34980
aaaattttaag	tgtactaaaa	aacagcagtt	tgctttgcac	aaagttcagt	atgtgccacc	35040
ctcatccctc	cctctcccaa	gaaaaagcct	aatcttgggc	atagtagaaa	tacgttattt	35100
attttttatt	ttatgttttg	tagagatggg	attttgcctat	gttgcccagg	ctgttcttga	35160
actcctgacc	gcaagcaatc	ctactgcctc	agcctcccaa	agtgtctggga	ttacaggcag	35220
agccactacg	cccagccaga	aatccatgat	ttcataatac	attatgtaaa	accacactct	35280
ataccctcat	gatcagagca	ttctgggagc	atcctccata	atcggactcc	aggcttgaac	35340
aagatacaga	caaaagagca	cattctgagg	ccatcaggct	ctgaggccaa	gtcacagtg	35400
gcccctgtga	gaggggctgg	aaataggata	atctggcggg	ttcctcacct	gatagctaag	35460

10043745 "010900"

gacacaccta	gggagagtca	cagagcagaa	ataataaaaa	agaagttgcc	tttctggtgg	35520
aaggagagag	agttcagga	ttgtgaaaga	agagaaagt	ggctattgtg	agggaaatgc	35580
catgtccccg	ttcatttttg	tgtaaaacta	agctgaacct	cacagcaaga	agctagtggg	35640
aattcatggc	tcacagctaa	agctcatatt	tgcataataa	tcagacataa	atatggaaga	35700
acatagtgat	ttctcttcaa	ggaagactgc	aagggttaaac	attctagtat	gattcacgcc	35760
aatcctctaa	gatgtattgg	gatcagccgg	ggaggcaatg	cttagctgtt	caccttcca	35820
cttgattctc	aagcgagttc	tgaatggaca	ccacctccaa	gagctcggac	tctgacaact	35880
agatctgctc	tgagaaagta	gacagaggca	gctgagaaga	gcctgggact	caaaccatg	35940
acccaccac	attccatcat	ctgggagaag	gaccaggcgg	acatttctct	aagtcaggaa	36000
tcaagttttg	ttcattttgt	agatttggcc	tttcagacat	aattaaaagt	ccccatgaca	36060
tttaacaaaa	gttttcta	tactttgctt	ttgttctctg	agaagctagg	gctgtctcat	36120
tccatcatgc	ctgaggtgta	cattagatat	tgtattaagg	gtttatttca	gcacactgaa	36180
caactgttct	tttgaggtgc	tagattgtta	ctgggaacta	gattgttact	ggggactgca	36240
tgctcaggta	aggatggaaa	agtggaaatt	aaggacctaa	ataagtttta	agttttattt	36300
ccccaccac	tagaccataa	atctcattct	gaaaaaaaat	atagctgatt	ttggtaatta	36360
taaagacacc	tcaaattaaa	caggaaattt	tcttggtcca	aagagatatt	gataaatgac	36420
ttttcaaaga	taggtaaatt	ttcttactta	aactaacaag	atattagatt	taaattttga	36480
gattataggt	catgctctgt	tggtatgata	gtgtttttatt	aaaaaaactc	acattttata	36540
tagtgagta	tttttaattt	taacattttac	aacagatatt	gcattatatg	aagtcattct	36600
cacattgtgg	ttgagataat	tgctcagggt	tgcaaagcta	gttaagtagt	gaggctggga	36660
gttaaaacac	ggctcctttt	tttttttttc	tactgttcca	tgctgctttt	tcagtaatga	36720
tttatgataa	ttgggttgta	ttgtattcat	ttctaggtga	aagtctat	agtattcata	36780
aaacatccca	tttaaatttt	ctacaaaaac	gagtatgtcc	agtgccatgc	atatttgtat	36840
aaataataga	ttttgtaacc	tttttctttg	ccctttctca	caactgat	aataggagcc	36900
ataaaaaatat	ttagtgaaga	aacattttaac	ttaaatagca	ggagataaaa	gagcaatcca	36960
aagtgcacgt	tctaatacaag	cataacacat	gtaaacttcc	aagtataatta	ggtttcagtt	37020
cttcatcatt	attcagaaaa	atgtctttgt	tacatgtctt	atgagaaaag	attggaggga	37080
agacagtggg	gcagcgattc	acattgtttt	gagtattgac	attgtttgga	tacagcataa	37140
catattatat	tatgaagttc	ctgagtctga	tcttttcaga	aatatttcca	aaaagaaatg	37200
gagcaatttt	ccattacatt	ttataaagaa	gataattatt	taaacatatt	tctcctagga	37260
aggggacagc	aaattgcact	gctttttatg	tgacagcttt	atgagggaaa	gaaagcgatg	37320
acaggaactt	ggaaatgaag	gcgttttatac	atttttagcta	taaaaagcgt	aagagagaaa	37380
aataaatatt	tgttctgttt	agcagatgat	cccatattgc	agtataaggc	aatagggtc	37440
cctacatata	aaacgtaact	tttttctttg	tctgattctt	acttttggtc	ctgaaatgca	37500
gacgtgaata	attagataac	ttttatgatg	tctatatatc	tggtggcctg	aaaaagatat	37560
ttcacgaaga	ccaatagaca	tttgttatgt	tggtgaattt	gcttgagaca	agacatcttt	37620
cattcatttg	ttttcagtta	cttgaaagac	agtatgttta	gctagctacc	tatgaatgtt	37680
gccaaatgag	atctaaggaa	accatgatag	gtgaaagaca	tcagggtctt	acattcctgg	37740
agatcagtc	tggaagaaa	agccagctct	gagatcagtc	aattagccag	gcattgcttag	37800
ttttctctgc	taatagcaag	gcttattttt	gccagtagg	gtcaaattgt	aagaacagtt	37860
ttgattcagc	agtagtgccc	tttaatacat	ttgaatttat	ttatttcgga	acatctctat	37920
actttcatta	cacagcaaga	cattttctgt	tcttcaaca	tttttatttg	ccagaagtag	37980
tttacgactt	catgcagtct	acttattatt	catactcaac	catgtgcaat	cataataatt	38040
attgattgaa	caatctggtc	ttcattaaaa	gtatgttaac	tatttctaag	aaataatatg	38100
catcatttct	aatctacaag	ggttggaac	ttttgaattc	ataatattga	ttatgagaaa	38160
ccaaatttca	aaaaatatgt	ctataggag	aaaaataatt	tctaaaattt	atttttttta	38220
aatcagaccc	aaattattaa	aaacttcact	taactaatga	agttaaatgc	ttgatgaaag	38280
cattaagctc	tggttggaat	agttgtaaaa	tatttagtat	atggtacatc	aacctctttt	38340
gatacttaag	caaccctagt	acccccaggt	cagtgtctg	aaggcccttt	aaatggagat	38400
aaagatcaga	actgacacag	ggaccccagg	gaccaatcct	ggaaaaatgt	tttgtttgtt	38460
ttgttttgta	actaaacaaa	ttcctgtgaa	ccctttgttg	tcgtttttct	aaatccttca	38520
aaaaaagaag	aagcatttgg	aagacacaac	agattcaggc	gacaaaacat	ttcaagtttc	38580
tgctacaggt	agaatcgat	gttctttaga	atttcagttg	aaatagataa	catatttcca	38640
tgatggactt	gtattgtctc	ttagagacac	ttacaacttt	tggtgtgtgt	gttgtccttg	38700
ttgttgctat	ttaaataact	ctcttcagca	cgtagaatac	atgccaaatg	tatttgtaaa	38760
tgatttgtaa	tgtaatttaa	gtgatttgta	aatgaatgat	ttgtaaaatc	tgtacattgc	38820
attacttcgg	tccagagtta	ggggccattt	agatctgggt	gctgggtgtga	atgaacataa	38880
gttcaatctc	tgttcaaggt	ttatttcaat	gaccatagat	tgtgtctcta	actgttgagt	38940
catctcacia	atttatgact	aaatagggtg	tgggcaagag	agaacagatt	tacaaatact	39000
atctcaaggc	ttgtcatcta	catactgcaa	caatattatt	agtattgaat	taataattaa	39060
ttggtatcta	atgaatatta	atattcgtat	ctaattactg	ttaaatagtg	ctgggtgtttt	39120

ctagttttatc tgtcaaatca aaacattagc ttaatttttt taagtatttc atatggaaac 39180  
 aatttaccag ctaattgtca aattatttat tttctgtgct tcagttttct catctgtaag 39240  
 ttagggcaaa agtgccaaca tgagagggcc tttgggaaga taaaaacaga taatatgcaa 39300  
 agtattttaac aaatcctagt gtatagtaat atccaaataa atgtagcac tagttattca 39360  
 agtttttcaa taatttttaa tgctttccaa tagaacagat actaacattc attcaacaaa 39420  
 tactttatgaa gcacgtatca catgcaagtc catggtcaga tgtgtatctg tgactatggt 39480  
 caaaaccact tacaccctat ttttaaatatc tgcgctatgt ttaaaatggt tcctaagtg 39540  
 tttgcagaaa aaccagacaa ggcagaaata agtcaaataa gccaaacagg tcatctctga 39600  
 cagcttatgt gaagtcttct ttctaaaagt tcgaaaatgt ggagtctttc tgtgcattca 39660  
 ctaagggagg atgggctgtc agctggcgga acagtgtgtg agatctttgt agatgacgcg 39720  
 gcaccatcca gaagggaggg tacgtattgc ctggctcttc tggggttgac tttattcttg 39780  
 gtgcaacctt acagggattg gtcacagaga ggagtgatct ttgcatatga ttgctactgg 39840  
 gccctccaca gagtccaggc ctgtccggag accagcatta gacaacaaag aagcctcctg 39900  
 aggctgcgag gagcccgta gccacttagt gagctgcctc tgcactctca gttctgctgg 39960  
 gatccgggat tcttattatg gcctggcaac ctccaggtta ctcaactg gcacaagagg 40020  
 gtatctgagt gacattgtta agcagtaatt agtaaacagt gattagtcag agtggatttt 40080  
 ggtttgactc ggggtaattt tgtttttgta agtcttgggt tttttttttt ttttttgaaa 40140  
 cgaagtctcg ctcttgtccc ccaggctgga gtgtgatggc tgatctcggc tcaccagaac 40200  
 gtccacctgc agattcaagc gattctcttg cctcagcctc ccaagtagct gggattacag 40260  
 gcgcctgcca tcatgcctgg ctaatttttg ttttttagt agagatggag tttcaccatg 40320  
 ttggccaggc tgatctctaa ctctgacct caggatgatcc acctgcctcg gcctcctaaa 40380  
 ttgttgggat tacaggcggt agccaccgtg cccggccagt cttgggtatg tttttaggag 40440  
 ccgttggact tcagatataa aaagcaagct tgagctaact cctccagttt ccccathtag 40500  
 taaatgaaga aagcgatgtc caaagagggt gaatactctc catcctttta aaaggataca 40560  
 aagcatttgt ttttttctt ttacatttgt ttaagttcct tacagatgct ggatattaga 40620  
 cctttgtcag atgcatagtt tgcaaatatt ttctctcatt ctgtagattg tttactctgt 40680  
 tgatatattc ttttgcctgt cagaagctct tgtttaatta gatcccatth gtcaattttt 40740  
 gcttttgttg tcatgtctt tggctattca caatagcaaa gatatggaat caacctaatg 40800  
 tgtgcccac agtgacagat tgtataaagc aaatgtggta catatacacc atggaatact 40860  
 atgcagccat gaaaaagaac gagatcatat cttctgcggg aacatggatg gagctggagg 40920  
 ccattaactt cagcaacta acgcagggaac agaaaaacaa acactgcatg ctctctctta 40980  
 taagtgggag ctaaatgatg agaactcatg gacacaaaga agagaacagc agacactggg 41040  
 atctacttga ggggtggagg tgggaggagg gagaggagca gaaaaacaa ctattgagta 41100  
 ctaggcttag taccctgggt atgaaataat ctgtacaaca aatccctgtg acacgagttt 41160  
 acctgtataa caaacctgca caggtaacct caaacctaaa atacaagtta aaaaaataaa 41220  
 atgatacaaa ggggccatgt tcatggtagc taccagcaca ggctttggag actgtgcttg 41280  
 ggattttatt ctctctctc tacctacaag ttttctaaac ttgagaaagt cattatatct 41340  
 tctgtacct aaatttcttc atctataaaa tgggcctaag gataatgtca acctcagaaa 41400  
 ttgctgtgaa taaatgagat cttatgtagg tgtttagtaa aggacctgtg tagcctgtat 41460  
 taagtgttca aagttctctc attattatta ttgttgcat gattgttatt aatctgggga 41520  
 gaccaacgtt agaaatttga aaccagaaga taataactga caatcaaag tcccttcttg 41580  
 ctctgaaatt ttgactctaa accacaatgt gtctttctaa taagctagat aagtgatagg 41640  
 ggaatttttg tgtttagtaa catttgtttt tgttatttgt tattcatttg tatgtctccc 41700  
 gtgtcagtat tcaagtagt tcagagaatc agatactaag acataaaaatt tatacttgta 41760  
 atgtaaaata tttaaaagaa tttgattaat ttataaaagaa ttttgaaag tgtttgcgtt 41820  
 gggtttatgt ttcttgtgac tttaatctga aatgtttaag ataacatttc aaagtataac 41880  
 tatgaaaagg gaagctatat gtttactagg gaaaatatat agtgctatct ttatgacatt 41940  
 gagataggga aaggcttgca ggtaagaaac aaaaccccaa aatcatgaag gctcgtaaag 42000  
 tcaagttcat caagaggcaa aactttggta ctaccctcaa aactgtttta aataaaaact 42060  
 aaattggagg aaaatatttg ctttatgtgt ctgacagagg attctcctcc aaaacttatt 42120  
 tcaattattt tacaagttgg tcgggaaaag tcaataaca cactaggaaa atgttcaaac 42180  
 tgtgagaata agatccgggc atggtggtgc ccacctataa ttccaacact ttgagagacc 42240  
 gagtgaggag gattacatgg ggccaggagt ttgagaccag cctgggcaac atggcgagac 42300  
 cccatctcta caaaaatatt tgtttaaatg taataaaatg caattcatat tagaaaaaat 42360  
 ataaatggac aacaggatca tgggaaataa aggacatctt taataaaaaat gagaggaatg 42420  
 caaattaaaa caagatatgg tttttataac caggtaggca aatattaaga acctaagcac 42480  
 atctggtatg gcagggctgt agaggaagca gtgtcttcag acacaactgg cagagggagg 42540  
 tctgagttga tggggccatt tggaaaaaca atctggcagt atttattaga gctacacgtg 42600  
 caggctctat gttccagcaa tccccactcc cttacatcag ctctagagga acacttgcca 42660  
 aggggacatg aacgaaaaaa ttcattgtgt ggtgtttttc tctactgaaa aattgtgaag 42720  
 aacctaaatg cttttcaata gagtaatgtc tgaataaacg acagtatttt cttttttcta 42780

10043715 "010902

10043715.010902

gaatgctaag cagaactaaa aagaaagcgt tagatagatg gatggatctc caagacatgt 42840  
tttgagataa aataaccagt tgcagaaaaa tttatacaat gggatccaat ttatttttaa 42900  
aatatagaaa gatataaaca aatgaagtat agaagatgag agtctgtatat ctctatgtaa 42960  
aagcacagga aaaggcatgg aatgatacat gtacacata gctctggacg tccctggaga 43020  
gacgctgaag gttgtgggac aggcaatcag gaggtgatgg ggttttatga ggcaaatgaa 43080  
taatacagtt gttttctacc cgagttggga acagattaat atatagatag ggacccaaat 43140  
atcagctctg tgactgagga aggtgataat ggagcaggtg gcttagtttc ataatacagc 43200  
aggcttgagc tggctctgtt cctcacctcc tatcatTTTT tgctcccctg cattccctcc 43260  
gcaccatcca ccagcaggtt aagcttttgg acagtccatg agaaaggag gctcaatctt acagcatgtt 43320  
cataacctct gattggagcc agaaaataaa gagacggata gctcaatctt acaattagtt 43380  
catagattgg ctccatcctc cttaaaaaata tgagccagtg gtcaccacca acaattagtt 43440  
aatgagttgc tctttctcat cccaggagc agggaggatg gaagtcgtgg aacacaagga 43500  
gctcaaggcc aaggttgctc tctgtctttt accattatga ctactattgt tccatgaagg 43560  
tgagtatcac ttacaagtaa cagtatcacc tacaagtaat gtttttttaa aaagaaaatg 43620  
tatccatgta atacacataa gcaaaaccaa aagttcagta gaaatctaca atgatgttag 43680  
gcatttttcc caacagtagt tacttataaa taatgttttg tttattttatt atttatactt 43740  
acttttttat tttttataaa taatgcttcc aaaaatgatc ctgttaatat aaaacaaaaa 43800  
ttaagatata aaacatgaga aactaaacag ctatgacatg aattttcttt taaagactg 43860  
gaaagcattt atcttgtaga aatttcaaat aagctttata tcaatatgca ctcaagatat 43920  
tgaatagcat ttgcaaaata aattattaaa atgtctgac atttactgtg tgctaggtat 43980  
cctgctaaac acttcacatt tttttctgtt taatccttct attaatacta tgagggtggc 44040  
actcttttcc agttaaggaa actgaggctg agaatggata aatatttgcc tgaggccccg 44100  
gaaaatgttg gccacttct actgtgtatt tatcttactt tttcttcatg catattcttt 44160  
tctaactaca ggccattat ttgctaagct gaataagagc attttaaatt aaaataaatt 44220  
cagttgtttt ctcgcatat acatttgag cgattcacaa acttcaatct tcatctactg 44280  
aggagaaaga gttcttttatt ctataaact ataattataa gcattcaata ttttcagagg 44340  
aagaaaatgt atctgtttat actaagtatt taaaaatcac ctacggattt gctctaattg 44400  
tcagtttctc caaaattatt attgtttctt aatctcttaa caagtaatta taaatagatt 44460  
tgttgttatg aaaaataaga aagatattcg gtgtttctctg tatttcataa acaccacgtc 44520  
attttcttta tcaaaatttc cattgaaaga ttgtaagagc attaggccac cttctgggct 44580  
taagtgtgta tgagaagaag ccacaacttc ttttccctct ggatcacctc aggtcttact 44640  
ttacaatggt acaaatccac acgagattaa tattcaaatc cgtgaacata tctttgtttt 44700  
catttggtgt caagtacagg tgtaaacac atgtgatctc attaagatag acgtagctat 44820  
gatgtatctt gaatgtgag gtcagtttca taggtcaaca aacatctgtc agggtaagac 44880  
attgcaatga tggcagtttg gtcagtttca aattctgact atacatatgt ttattttttg 44940  
taacttaagc aaaatttttt ttagagccag gcactgtggc tcacgcctgt aatcccagca 45000  
ctttgggagg ccgagcagg tggatcacga ggtaggaga gggcaacaga gtgagactcc 45240  
atgggtgaaac cccatctcta ctaaaaacac aaaaaattag ccgggcatgg tggcaggtgc 45120  
ctgtagtccc agctactcgg gaggtgagg caggagaatg gcatgaaacc gggaggcaga 45180  
ggttacagtg agctgagatt ggcgactgc actccagcct gggcaacaga gtgagactcc 45240  
gtctcaaaaa ataaaaata ataaaaata ataaaaata aaaaattttt ttagaaacag 45300  
ggtctactc tattgccag gatggagcag cagagtgaaga ccctggagtg cagtgaaca 45360  
atcatagctc actgcagcct caacctcctg gtctcaagca atctcccac ctaagcctcc 45420  
caagtagctg ggactacagg cgcagccac catgccaggt gttttaactt ggcttataaa 45480  
ctctatcaga tctgttatta cagagaactg aagtaatcca aaagaaaagt attcggagac 45540  
tttgagtaga ttctcaaaac aacagacacc caaatgctga aacattgacg ccctcgctac 45600  
agtcagtaca ggaaaatgtg aatattatcc tggatgccat catagtata caagttgcaa 45660  
aggtgagagc ttgtatttgg caaagtgtag aagtgttct tcttacatca taaaacatgg 45720  
atgctaacat ctagatgact taccttaaaa tcccattttt ttctcttttg atcataataa 45780  
tgcattttgg ggtacaaata agagaggcta ttttctttgc caaaatagct tgagagtat 45840  
cagagccgag atatgaaac tatggaatac ctcatatttc ttctcctgaa agctgattac 45900  
ccagatatcc aaattcatta ttctgtagtt tattctcagt gtattttcct aagatttgga 45960  
aattagacaa gttcatacat ggggccaga gtttcaagca cttcctgtat taacagtaga 46020  
ttacaaagat agcatgaaaa atcgaaaaag aattgaagat gccaactaac gcacctaaaa 46080  
atcaatttca tgaactgtc atgttgaaaa gtcaaataga aaataattta tgtgtgatat 46140  
cagtaccatc ttttctttt tttcttaaaa caaaaatttc ctttttattt aaagaaaaga 46200  
gaaaaataag agaaaataaa gtatatgaag aatcacactc agaaattgct tcttctgtc 46260  
gtgctcagg gatgtgaagc aaaaaataa caggcatatt gatcataaag ctgacaggtt 46320  
attggtgact ctaagagatc tattgtccca tcccacta gcagcaaaag ttctgatgac 46380  
atgtgaattg atatgaaac aggtttcata gtgatttcaa agaaggtttt cagtttagtt 46440



10043715.0109002

cagggtgaa ggaaatgtct gtttctttgg agaggaaaga tgatgtgaca tagtgattga 46500  
 gtcttgaacc aggggccaga gtacgtgggt tcttccctca atctcacctc ttgggttctt 46560  
 tgtgacttgc tatctctgat ctccattctt ttccttctta aagaatagtg cgtgccatgc 46620  
 ctgcatcaaa agagtcttgc gaggaagatc cagtggaggaa atgtgtataa ttgcctaata 46680  
 atatataaac agtactgtgc aagtagaagg tgtcattaat aacatcagaa tgcctttgag 46740  
 attacaaatg tgggtgacac tgtgtgcatg agtactgcag gatgtggcgt ccaatcacat 46800  
 ggtggccctc cccggtgact caagaaagga tgcacatctc agcactgaag gagacctgat 46860  
 ttttctaaag tgaagaagta aaaatgatgc cagagaccaa actgcagtat aacattattc 46920  
 atgggggagt ctgtatcaca ggacatttaa agggagaaaa cttacgtata aaaaaagaaa 46980  
 atgtgctttc aactagaaca gcaagaaaaa tgattttttt taattccagt aaaaatttaa 47040  
 gccaaaacga aacaagagaa acttcaggag tctaccaatc ctagtgttaa tcttttgaa 47100  
 aacaggaaaa acttgagaac aagagaacaa acaaggtaga acaaagtgtt ttttactggt 47160  
 ctaacatcct ctgtagtatt aattagatac atgaaacacc cagaaggaga actaagttag 47220  
 agaaagagaa ggaaaggcaa atttaaagga tgtgactcct gttctgtgga gcagactcgc 47280  
 ttttagcatcc tcttctgttt attaaatatt gtgtgcaaat gtctggggtg ccagctacgt 47340  
 tatggagttc ttggagatat gttctacagt gatctttcag ataaaagccc ttctttttta 47400  
 gatgagaagt ttaactgagt taactaagtt ttaatacaatt aatttaattct tgcctactt 47460  
 ggactagaat ttagatgatg tctgtatttc tcatcttttt gccacctttc atggtttttc 47520  
 acatttataa gataagatca ttttaattat ggacagtgat ttcaactcat ttttggattc 47580  
 gtctagccat ctacactcaa aatcgtagtg tggcacatac ctctaattatt catatataag 47640  
 cccaaattaa ctatatcgta ataattttgt tatatccctt gagatacaat atacaaaagc 47700  
 aagagataga atttatgggt gattttgccc atgtgaagtt actgaagttt gaacaataaa 47760  
 tagctaacaa aaataaattt aaaagaattt cagataatta aactcaacat tattttaagg 47820  
 agctacagtg gcagggattc caggccaaat cacattgtaa agatagatag atagatagat 47880  
 agacagactg atttgggggg aagtgggagc acagacagac agacagacag acagacagac 47940  
 gaattctgtc aaatcatttt acctggggaa caattagatg ttggaggatt accttttctt 48000  
 ttggcttcaa gagaaaatag gcagtgtttt cagcaaacat catgattttt gatctctcaa 48060  
 agcctttgta ttgagaatac agatgatata tttgtctcta tttgtactc ggatctggaa 48120  
 tttcctagaa tgttacctac aaaagattta gatataaata tcttgaagaa ctttcagcac 48180  
 aaatgtcaaa attttttctt tgtcacctgt ttaccaatta cagtatcatc aactaaaca 48240  
 cagactcaaa cttctcttca ttccactatt ccagaatgga acacaaaaat ggtatatttt 48300  
 gatctgtatt tattgccatt gattaatgtg gcattcgcaa acaatcccat ttgggcagac 48360  
 catgtttgca ttttaatttc attgcaatga accgaatgaa gctattgatc gtttcttcca 48420  
 ttttcccttt catttgcctc ttaaatttga atgcatttcc tgtttctctg aagcagttag aatcgaaaaa 48480  
 cacagatgga atttcttaga atgcatttcc ccaataaaaat caaaactttt atgtgtcatt 48540  
 aatcacttca tatcatacat ttaaattcca gctgaaaagt gatattgatt attatttcat 48600  
 atgcaattgt cccatagagt aaaagggttca tcatatttta ttaaaaaata aaaagcagtg 48660  
 tgcaacttta taaaactttc ctaggagaag tctattattt ttaaatattca tacatgtgta 48720  
 gaagtctcta aaatattttt tacacatttc aggctaaggt ttaaatattca catttgaaa 48780  
 cacacacaca atgaatattt agaggtaaaa tttctgaaaag aaacattttt atattaaaaa 48840  
 ggaagggact tctgattatg aacatgacta ataaacaggt tttgaatgta gctactgaa 48900  
 agtaatgaac tctcaaactg gacaaaaatg atgaagtaac tgttttcaga cattggaaa 48960  
 cttaccacaa agggctgttg tccattcaag atggaatcac aggcaggcag acacaccttg 49020  
 ccttttagctt tctgctggg gcactttcca cactgtgggt taaggcggtt acccagattg 49080  
 acagcagtg tcttctggg tggagggaac agtagagttc agggccactg acgcagctat 49140  
 aatttttgaa gaggcatact cagagaggaa aaagctgcac ggaagcgtag ctctagaaat 49200  
 ctgcatatag gttcttttga gtcattggca tgcacatgtg aaactccatg atttctggca 49260  
 gagaagggtt ataagggtt ctgagttgaa ctgggacact gcaggttcca cagtgtgag 49320  
 gggcactggc gttctgacct ggcagagtgg agtcatttca cgtaatacct caggcattct 49380  
 gttttgaaat cacagaaaag ccacacctta aaagtaggac tgacaaccaa attaaaaagt 49440  
 gagccaaaga cttgaattag agagttcatt ttaaaaaggt ataatatat gaatggttaa 49500  
 taagcacatg aaaatttgct caataccagt agttattaga gaaatgtgaa ttgaaacacc 49560  
 agtggcctat gtaccactat acacccattg gagtggctgt aataagaaac aagaatacca 49620  
 agtgttgga aggatgtgga gaaatgggaa ccatcatgca ttctgatgga aatgaacatg 49680  
 gtatatccac ttgaaaaaac attttggctg tttattgaaa tgttatataa aaatttatca 49740  
 ttcaacctag caaattcact cctagaaaatc taatcaagag aattaaaaac atatctacac 49800  
 agagatatgt acatgaatgt tcaccacagc attatttata atagccaaaa gcaagtaaaa 49860  
 atctaaatgt tcatcaacta gtgatcagat aaacagaatg tgtgtatcca tataatgaaa 49920  
 ttgtaaactc agttatttat aatagccaaa agcaagttaa aatctaaatt ttcataact 49980  
 agtgatcaga taaacaaaat gtgtgtatcc atacaatgaa attgtatatt cagcaagtaa 50040  
 50100



10043715.010902

gtagaatgat	tactggcata	tgtattaata	ttacatatat	acatatattaat	aatacatata	50160
tacatatataat	taataataaaa	atgtattataa	ctagaaaaaa	tgctaagtga	aagaagccag	50220
acacaaaaga	ctatttaata	tatatgcaat	gtctagaaaa	gacaaaactta	tgaagtcaga	50280
aggcagatca	gtggttgtct	tgggctgaag	ataagaattg	aaattgactg	gaaacagtgt	50340
gaaggaactt	tctgggatga	tggaaatggt	cttacacagg	attgtggtga	tggtgacaca	50400
attctataat	ttcactaaaa	ccatcaaatt	gttaaaaaaa	aaaaaaaggc	gtatactaac	50460
catacggtaa	atgctaccta	ataaagccta	aagtcagttg	attcaccagt	aaattaactg	50520
cctgccagaa	taaaactcaa	cactaaagaa	aggcaacaaa	atccaaaactc	tcagcaacat	50580
agcagctgca	atatcccata	tgcgatgaaa	gttactagac	atgcaaagaa	gcaagaaaat	50640
gtgaccaa	acccaggaga	aaataagttg	aaataaacag	acctgagatg	acccagatga	50700
tgaattatg	aaatagaaat	tttccaagag	tattataaat	ttgtttcagg	attaaaagaa	50760
gagcatgagc	attttttttt	tttagcgaaa	agatgaattt	cagcagagaa	atcaaaacta	50820
tataaattaa	atacatggaa	aatctggaac	taaaaaagtc	agaaatgaaa	aattcactgg	50880
atgggctgaa	tagcagattg	aaacatgcag	aaggaagtat	cagaaaaactt	aaatatagag	50940
caagagaaaa	tctaaattta	aatacagaga	agagagattt	cttaaaaaatg	aagaattttca	51000
gtgggttgggt	gaaatattat	caagtggtaa	tgggggtcat	agaaggagag	cagagtccag	51060
agcagaggac	acatttgcaa	aaataatggc	tgaacatttt	ccaaaggtaa	aaattactgc	51120
tatagtttgg	atgtttgtcc	cactcaaacc	tcatgttgaa	atttgattcc	aatactacag	51180
gtgggggtct	aatgggaggt	gtttgggtca	tggggggcaa	cctctcatga	atggattaat	51240
gccctccctg	tgggggtggg	agtgaattct	ccctctgtta	gttgccacagg	aactgattgt	51300
taaagagagc	ctggcacctc	acccatccct	tgcgtcctct	cttgccatgt	tatctctgca	51360
cataccagct	cccctttgcc	ttccgtccac	cattactgga	agcagcttgt	ggcccttgct	51420
ggatatagat	cccacatcct	gaacttttcc	agctatcaga	atcatgagcc	aaataaatct	51480
tttttttttt	tttttttaaa	cggagctcca	ctgtgttgcc	caggctggag	tgcagtggca	51540
tgatcctggc	tactgcaaac	ctctgactcc	aggattcaag	tgtttctcat	gcttcagcct	51600
cctgagtagc	tgggattaca	ggtgtgcacc	accaggcctt	gctaattttt	ttgtagagat	51660
gaggtttcac	catattggcc	aggctggtct	tgaacccttg	acatcaagtg	atctgcctgc	51720
cttggtctcc	caaagtgttg	ggattacagg	tgtgagccac	catgcctggc	cataaatctt	51780
tttcctttat	aaataaccct	gtcttaggta	ttcctttaca	gcagcacaaa	cagactaaga	51840
aatgactac	taacatctca	ttaaaagcaa	tacaagacag	cctatcaggg	actagcatct	51900
ttaaagagtt	gagttatcag	cctaaaatct	tacatctaga	aaattatcct	ttaaaaaata	51960
agtctgagat	atttttcagtt	aataaaaagtt	aagatcatct	gtcacttatg	gataacaata	52020
taaatgtcat	aaataagata	ttagtttaac	aaaccaaagt	gcatctttta	aaaatgacaa	52080
gccacaacca	aatgggggtt	ataccagtga	tgcaatgata	tctccatatt	agacaactctg	52140
ttgttttacc	atattaatgt	tacaaagggtg	aaaattcatc	atatcatctt	catggaaaact	52200
atagagattt	tagatatggt	ccttgagctt	tcaaaaatat	taacaaatca	tgaatagatc	52260
gatactttct	taacaaacac	acacaagttt	ctaggaccac	caccatgtat	aagacagcca	52320
ggggaaaaaa	agagaaatga	aaagtaggaa	aggaagaagc	aactatattg	atatttgtag	52380
attctgtgat	tgtacacatg	aaaaacataa	aaacaagtga	atttgataag	atacgaagct	52440
aatatcaaaa	ttcagttaat	tacttatatc	aaaatcagaa	cttaaaatga	caccacttat	52500
aatagctata	agattacaag	aaataaatat	aagaaatata	taagatctat	ataagggtttt	52560
caaagtctaa	tgagtaacat	aaaaatatta	tccaaataga	atgggatgcc	ttatttcctga	52620
gctgatagat	tcaattattg	aaagttcaat	tttcttaaaa	ttaaatcaca	agtttaattgt	52680
gactcctaata	aaaataaccag	agaaaaaaat	tgtcttttga	attaagtga	ctaattctaa	52740
gttcagtgga	aaaataaata	agcaagaaaa	aacaaataaa	ttctgaagaa	agattaataa	52800
actgttctctg	tccgtactcc	aaatattata	ggaaataaaa	cagtttatta	ttgacaaata	52860
tatatcccta	taaatgggca	caactacaga	gtataaaaat	agataaatat	atgttgaatg	52920
tatactttgt	gtataataat	atttgaattt	cacatcacta	gagaaatgat	gattcattta	52980
gtagataacg	gtggagtgtt	ttaacagcca	atcaagagaa	aaattaattt	gaacccacc	53040
ttactccttt	caccaaata	aatttcagat	tgattaaata	tttaatat	tttaaatgtt	53100
taataaatca	tgaaaataacc	agtaaaaaaga	ctggataatt	attttttaata	atatgagagt	53160
taaaaaaaca	ctttctaaac	actacacaaa	attcagcaac	tatagaaaaa	gactaataaa	53220
tttgatgaca	tagaaaattt	ttaaaaattg	catggataaa	aaatacaaca	tgcaaaatga	53280
gttataaatg	gataaaatc	ctacataattg	ttagaaaaat	ttagaaaaag	ccaataattc	53340
aaaggaaaaa	tgaacaaaaa	catgaaatg	ttcataggaa	gagacatgtg	aatgaatttg	53400
gcatctttga	aaaatgttct	acctcattca	taagtgaat	gtcaactgga	atttctgtac	53460
agtatccatt	ttccacgaac	gattaacaac	aacaaaaatg	tttgtgcact	atttgaagga	53520
ctatattgag	taataattaa	tttcatgtac	tattaatgac	agtaaaatca	ttagtctgac	53580
caatttggag	aacaatttgg	cactttctat	caaacatgaa	aatgcatat	ttctgggaat	53640
ttattccatt	tctaggaatt	tattcttatt	gacatattca	catgtgggaa	aatgtgaac	53700
aatgatattt	atgtcattat	gtgtaacagc	aaaagttgga	agcaagctaa	atggccaaat	53760

aaggaagaga ttcaataaac tgtaagatat gccttcaatg gaatactatg gagtcactga 53820  
 aagaaaaaat agtaaggcta cttacattgt attgttgtgt tgtgttgtgt tgtattgata 53880  
 tgttgctgaa atataactaag taaaaaggaa agcaaattgt agaacaatgt gtatattatg 53940  
 ctaccttttc agaaaaacta taaatatgta tgcacacatc tctactctta tcctttatgc 54000  
 agatttatgc tgccaacatt tgtaccttct ggatacagga cttgggagta gtaggaacgg 54060  
 gaagaaatgg gacaggctga atcttcactc tatttataaa acctttagtt ccttttgaat 54120  
 tatttaccgt tcatatgtat cattttttaa aatagaaaat aaaaatgttc aaagttgaat 54180  
 aagcgggtag aaacatttca gtggctttcc gttgaatcca gaacaaaagt ttccttccag 54240  
 aggttcaggc cctccttgaa ctggctcatt cccgtttctt aaatcccacc ttgttccctc 54300  
 cacctcctct cactccgcag tttccaactc tattgacctt ctctcagttc ctgacacaag 54360  
 tcagttttgc cgctttggag cctgtgcact gcttgcttcc tgcctgcaac tcttttgc 54420  
 caactctgca ttatcgggct cctctcttct cttattcttt tggcttttgt ggtcacccat 54480  
 tcagagagac cctccttagg catccactct aacacagagc ccgttttctt tagtcttttc 54540  
 ttgtggcacc taattccttc ctttcatact caatttcttt atctgttggc tctgtagtgt 54600  
 tttttccaca cccctcccca ggatggtaaa ctcttgagt taccatttct attttattct 54660  
 cttgtcgaca cctgtaagag taccgcacac attgcaactg ggttggaatg ctaacatctc 54720  
 ttgaataaat taattcacc atttaagacc aaaagttgt attacaagtt agcaggaata 54780  
 aatgtcttac tgattggtat atgggtgtaa aaatatggcc ctgattttca gtatttataa 54840  
 ctctcaagat gccaaatatt ttctactgct ttctaagctg aacttccagg cacagctggc 54900  
 atatgcatat ttcttgacaa tctccaagtt ttgataacca aataagaaaa aaaaacagca 54960  
 cagaaaaata taattttggc tgttactaaa tgggctaata ataccagtaa tagtatttta 55020  
 aaaattctaa aaaatgtcta attctcaca tagcattcta acagtaaaact aagaggtaag 55080  
 ctaatatatt caagatacag agcaaccaca cttgtttagg agcactgtta ctttgtctac 55140  
 attgatttgt taaaacattg tccgttgtca accaatctaa aaaggacaca ataggctagg 55200  
 cacagtggct cacacctcta atccagcac tttgggaggc ctagggtggga ggatggcttg 55260  
 agcccaggag ttcaagatca gcctgggcaa cacggggaga ccccaactct acaaaaactt 55320  
 tttaaagaaa ttagccagggt gtcgtggtgt gtgcctgtag tcccaactac tcaggaggct 55380  
 gaggtgggag gattgcttga gcccagaagt tcaaggctgc agcaagcctg atttgtccac 55440  
 tgcactccag cctaggcagc agagtgcagc tctgtctaaa aaaaataaaa ataaaaataa 55500  
 aaatgaatac aattttttaa ataaataaaa agaacataat aaaatatgtc cagaaatcaa 55560  
 tagtcaatat cgtttgatta attttgcaa aatccaatac acggtgtagt tacagagctg 55620  
 aactttaata atagaaccaa tgtaacatgg taatgctttt catattttta actactttcc 55680  
 taaatgttat ctcatattgat gctcactacg aaaacacaat agagatcatt ttggcctgtg 55740  
 cttttgtaaa attatagaat attagacctg aaaaatatat aatgtcattt acttctattc 55800  
 ttcattttat agatgagggg actgaggcca gaaaacatga taaagtatgt tccattctca 55860  
 cagctaatta ggggctagaa ccaggatctc agtctctct tgggccacta gacaattgct 55920  
 aactatgctt ctgcaacacc ttcatatcat tttaaaaca tggaatatgg ttcattccaa 56040  
 tttaggattt aaatcaatta cccatataga accattattt ttatttttgg atattttctt 56100  
 agataatcta catccacta tatgtttcat agaaatgtgt gtgtgtgtgt gtaatttttt 56160  
 cagtattttt ctttgatttg ttttaattt ttaaattgat acacaatatt tgtacatatt 56220  
 cacctctctt aagtacatat ttttaattt catagaatgt gtaatgatca agttagggtg 56280  
 tatgcagtac atgtgatatt tcattacatg ttgtattggg aactgatatg gtttgctct 56340  
 tttccatcac ctcaagcatt tataattttt ttgtattggg tgttgcgga gggacctgg 56400  
 gtgtcctcac ccaaattctca tgttgaattg taattcccag gttgtcgtga tagggagtga 56460  
 gggagggtgat tggatcgtgg gggcagattt ccccttgct cctcttttgc tctctcttct 56520  
 gttctcatga gatctgatgg tttaaaagt tttgcccctt ctctatgatt gtaagtttcc 56580  
 gccgcatgt gaagacgcgc ttgcttcccc tccgtggaac catgagtaaa ttaaattctt 56640  
 tgaggcctcc cagccatgct tccagtacaa tctcaggtag ttctttatag caatgtgaga ttggagtaac 56700  
 tttcttcata aattactcag tctcaggtag ttctttatag caatgtgaga ttggagtaac 56760  
 acaggaacat ttttaagttt attttgaaac ataacttttt tttttttaca atacagctaa 56820  
 atgttttgta aaacatttta aaaatgttag tcccacacag tcatgtacta tcaaacagta 56880  
 agctcatcac ctaatattat tgcactctgc acttagaagc tgtgtgacta gaagctccct 56940  
 gggcctcagt tttctcatct gcaaaatag gataataata gtggttaatt tatagagctg 57000  
 ttataaggct tactcagcct cccaaagtgt tgggattata ggcgtgagcc acagcagctg 57060  
 gcctatgtaa ttttaattata tgctttttgc ttaacatatt attcttatat taatgaacat 57120  
 cctgaaagtt tttcattatt ataatttcaa tacttagtca atatgctgcc actttttgct 57180  
 agtgtaattt acttatccta tttcccattt tggacagtga ggttgttttc actttttgct 57240  
 ctcataaata attctgaaga aagcattcca tatgaatatt attgtcaata tcaactgata 57300  
 tttctctagg ataaattcca tgaaggatga ttacagaatc aatgcgataa atatttttaa 57360  
 cactactgac tcatattgtc aaaatgtttt cttaaaatgt tgtgacaata tcattaaccg 57420  
 tgtgcagaaa aacagttttc aaggtcttat cctcattaga tgtagtcatt taaaagtaaa

10043715-010002

10043715.010902

ttgctaaatt	aataggctaa	aatggctccc	aattgttctt	tcattttgca	tttatttgct	57480
tattaatgag	atcaaacatc	ttgcaatttg	tttgtttgtg	gaatatcggt	taaagctcaa	57540
ttaatccgct	atgtttttta	atgacaagct	aagacactac	agatgaaaag	caatggaaag	57600
cagagatggt	tagtgacccc	ctactacggt	gctaagtatt	tcaaataat	tgtaggtgc	57660
attaatatgc	aagttatgag	aaagagacga	agcaaaagtc	acagacttga	gtgcataata	57720
cgacaaatac	tacttcaaac	tggctcagtt	ttagaactta	agggatttta	attctttttc	57780
atagttttta	ctaaccaaaa	gctttaatga	gaaacaatta	attcaatatt	aaaaggaaat	57840
aataggtagc	atgaatagct	tttgcattgat	gggtctagag	aagtgttaag	taggtacatg	57900
tggcaattga	gtccttgaaa	tggggctggt	ctgaattgag	atgttcaaaa	atacatatgt	57960
gattttgagg	actcagaaca	aaaagaagag	aatgcaaagt	atatcattaa	tgatgtttat	58020
tgattatatg	ttgaaatgta	aattttttta	aatagtggat	tgaattaaac	ctattaaaaa	58080
taatgttacc	tatttcattt	acttgtataa	tgtgacttct	agaaaattta	taattggata	58140
tgtggctacc	attggccagc	acaggtctag	ggaattatat	gatatcagat	tttaggaagg	58200
aagttataaa	atttttagttc	ttcaggaaga	gatctaaaag	agagtacaga	gagagagaga	58260
gagagagaga	atctaccaca	taactaaaat	aagtaaaggg	agtgtctacag	cactgaccat	58320
tatgaccaac	caggaggtct	ctgataaaact	cagataattta	ttcataaatt	cagattacaa	58380
agagcctacc	acaaaggaca	aacaggccgg	acgcggtggc	tcacagctgt	aatcccagca	58440
ctttggggagg	ccgaggtggg	tgggtcactt	tgaggtcagg	agtgtgagac	cagcctggcc	58500
aacatgctga	aaccctgtct	ctactaaaaa	tacaaaaaatt	aaccaggcat	gatggcgggt	58560
gctgtgaatc	ccagctactt	gggaggctga	ggtggggagaa	tcacttgaac	ctgggaggtg	58620
gaggttgagc	tgagcagaga	tgcgcgcaact	gcactccagc	ctgggagaca	gagcgagact	58680
gtgtctcaaa	aaacaaacaaa	caacaaaaaa	cataagtagc	tggtgtcagg	actcttacia	58740
cagaatgagg	tagaggaagc	caaagggtct	tgaaagctac	attcagagca	caaagaagag	58800
ccaaaaagga	cagacactgc	cagggaagc	tgggaaaata	ttaatataaa	gaaaatcaaa	58860
ttatgcaatt	cttattttgt	ctttgtcctc	tataaagagg	aatgatcttc	aaactagaaa	58920
agagagatga	aatttctctc	caagaaaaac	tgaattcaag	atagaaaagg	atacttaaga	58980
gaatatcaag	ttgttagaaa	tacgttttca	tctctgactc	cagataaatt	atatttcttg	59040
gtcatgaaat	cattgatagg	ctttggcact	tgactggttc	caaagtggga	cgaatctagc	59100
tactagacga	gttcctctag	agcatgggtc	tgatctcttt	cattcattgc	tgatttccag	59160
catctagaac	atttctctgt	atagagtaag	tgctcaataa	atatatgcag	ataaatacat	59220
gaacagagaa	cacaagagtg	gccagattaa	aacagggaag	tggtctgatt	tcaaaatggg	59280
gaaaataagg	attctgactt	gtgtagatac	ccaggcaaca	tgagggaag	atgtcagcgg	59340
ttaaaaaaat	tttagaatgg	attaattaaa	aaaacaatct	tccaatatgc	caggattcct	59400
ctacaatttt	acatctagtt	taaccacac	aataacacaa	ttactgggtc	ctatacacat	59460
tttacagata	aaactgaggc	ctaagaggaa	tttaagtaac	ttgcctggga	gtgatatagc	59520
ttataagcag	aaaagctggc	atacagaatt	taactactgg	ttgtcctcag	aaaggaaatc	59580
atggtgactc	tgaaccaacc	tgtgtacgat	aatcatgagt	atgctaaact	ctcctagttt	59640
ccttttttaa	tcaaatttgt	aaattgggtg	atgccataga	taactgggtt	atgtacttaa	59700
aataaaaactc	attgagatct	ttactgtat	ctgaatatat	aaagaagttt	ctagtagaac	59760
tactctgctg	gataagacag	aagttcagag	atctaccaga	ataactatcc	gttcaccttt	59820
gcagaacttc	ataaagccca	ctaccataaa	cacagggtaa	ggggagttca	gccaggcatt	59880
tgataagggtc	ttttgtaata	atcttgcaac	taaggctaga	tgacaatcag	accaattagt	59940
agtatgtgga	accactgggtc	cctattgatg	tcaaactaaa	aggaagcctc	agtcttgttg	60000
caagggggccc	tgtccttgac	ctttttgtat	tgaaatatgt	gaccagtgc	ttggagaaaa	60060
taataatatt	cccatgttta	gctgatcaca	caattttata	ccagttccta	cacttagacg	60120
gttgatataca	tcctcttcta	ctttgtgggt	gagaagcttc	ctctagtaga	agtgatgtca	60180
atggaattcc	aataagaggt	atgttctatt	tagacattta	atccatgaat	ttgtatatat	60240
acattataag	tcacttttgg	cagttcagcc	ctcagccaac	agaatctcag	tttctccatt	60300
tctatcatta	ctccagaagg	gttcttgggt	gtggactagg	cattctcggt	ggcatgcatt	60360
caagttctcc	tctgtagcca	ctgatectgt	tgctctatc	ccacagctct	ggaatatctc	60420
caaataacta	ctctttttatt	ctccatgcaa	atgaaaaatt	ccattagggt	gatgtgaggt	60480
tagttgttga	cataacttcc	tgcttcaaaa	atccttcctt	ccttcccatc	atcatttgcg	60540
accccagtta	cagctctgaa	ttgtgatttc	catttgtgac	atattgcccc	cgaagagaca	60600
gaagagggaac	cttcatccgc	catccccatg	ttagaatcct	cttcctaggc	tctcagtga	60660
gttgctcac	tcgatctcaa	gctgcccggc	atgtcacatt	ccattttatt	catttaacta	60720
agattttatt	agctttatgc	tatgctagga	actgacaaga	aaatcattat	tacaattaaa	60780
tgagatttat	tgagtactta	ctttatgcca	gaaactgagc	taagaatgag	gaataaaaaa	60840
tgtataaaga	cacatttcctt	gctctcaaaa	aatgtgaagt	ttagaaagat	ggaggtagta	60900
agtaaataca	cttcaattca	gggtaataga	tgctagtaga	ggcaccatgt	gtgatgctgt	60960
gagacctcaa	agaaagagtc	tctaaatcat	cctgaagagg	aagtcacatg	aggagagctc	61020
ttaagaataa	gtatgtctgg	ccttgtcaat	taaaagagag	ttgggagttc	caggcagagt	61080

gtcagcatga atgaaggcaa gaacgactac tgggatgaag tgtggggagc tgagttcatt 61140  
ttgacatggg aaaagtgtag aggctgggtg cagcggtca tacctgtaat cccagcactt 61200  
tgggaggctg aggcaggcag atcacctgag gtcaggagt tgagaccagc ctggctaaca 61260  
tggcgaaacc ccgtctctac taaaaactac aaaaattagc cagggtgtgt ggcattgtgcc 61320  
tgtaatccca gctactcggg aggctgagac aggagaatca cttgaacctg ggaggttgca 61380  
gtgagccgag gtcgagccac tgcactccag cctggacaac agagtggag actgtctcaa 61440  
aaaaaaaaa aaaaaagtaa agaaaagaaa aagaaaaccg tagagcagaa gggagatggc 61500  
aggaaacaag gtgggaagg taggttagat ttgtatcata gaatatttta gactgtctta 61560  
tgaattatgt gggagccaag gaagggtttt aagctgaggt atggcaggat ctgatttgca 61620  
tttcagagg atcacttgt gcagccataa tgaattaaga tggtagagaa cagacaagag 61680  
gaaggacgga ctgttaaagt gatgggtagt catagaaaca aaaagtgtg agggctctgag 61740  
ctggccctg aaaacagatg ggtttgaaag ctatttagga ggtaaaatgg aaagaatgtc 61800  
atagaaattt agatttggg gtgaggaaga gggaggaggt ataagggaac ctgggtttct 61860  
ggcttggacc agttggctgg acgtgggtgt cacatgcagg ctactgccta aaagcatagg 61920  
tgactaggag aatgtctatt gcctcaatgt tggaaatgtt gagtttgaga tgctagtga 61980  
gcacacagag gatgcatatt agtcagtggc ctgaacttac aactccagaa ggcaggctg 62040  
ggctagagac catagtctct atgtgtctgt tacatatgga cgtctttata tggatatcat 62100  
cagtatatca tggctgaaaa ccagggtctt gatgaagta cccagggaga tggataaaga 62160  
tgaacagcat agagaactaa gaataaaacc atagaaaaa gttcattgtt ggtctttgtt 62220  
gtcttatttg gttttgttaa aatggggaat ctgacagatc ttttaaatgc tgacagaaaa 62280  
gttaaaggag aaaatttgaa gatgcaaaga gaacataaa gtaataattt tctctgggagc 62340  
agaaggtatt tatttattca ttcattcatt caataagta tgaagtgcct tagcaggctg 62400  
ggaataaaaag gcccctccc tcatgcagct tacattgtag tggtaaggag agcccatag 62460  
gaaataaata aatgatagg gtgttagaa ggtgacaggt gctacagggg aaaacaaggc 62520  
tgcataataa ggatgagagt gctgtggag agcacagtac atgtgagatt taaatagtga 62580  
ttaagggaaga atttctctg gaggcaacaa cagtcaaag gcaatgaaag agagaacct 62640  
gcagatctcc ggggaaagaa cgcttctgg gcaatctgt tttattcagt tctactgatt 62700  
aaatgttaat ctcatctaaa aaaaatacct tcacggaagt atctagaata ctgtttgacc 62760  
aaatatctgg gctagttga caaataaaat taacctcac agaggccaac gacagacgca 62820  
agaagaccaa ttaagaagct ctcgtgttaa cacagtggag aggtgttggg ggcttgagcc 62880  
aggatgtcac aatggaggca gtgagaaatg gtcaaagcct ggatgtcttt gcaggcagca 62940  
gtcactgtgc caggagtcca aagatgacaa gaaatgattc ctgtggtcaa ggtccttaca 63000  
gtctgtaaca gttattaaaa ccataattgc ttatttgttc atgtctattc caacagaatg gcattggaac 63060  
attatacctt cctgggttcaa atcatattta caggactgat taatccctgc cactacttat tcagtctcag 63120  
ctaccagaag acaggacacc agtcactaca caggactgat taatccctgc cactacttat tcagtctcag 63180  
gtatgtcttt atagcaatgt gagaacggac tttttagatg ttgttttctt ctttctcatt taatgactag 63240  
caatcctttt ttttttttt tttttagatg taccgcaacc tccacctccc aggttcagggt gattctcctg 63300  
acaatggcgt gatctcggt taccgcaacc tccacctccc aggttcagggt gattctcctg 63360  
cctcagcctc cggagttagt gggattacag gtgcccacca ccatgcccgg ctaattttgt 63420  
attttttagta gagatgggt ttctccatgt tggccgggcc agtctcaaac tctgacctc 63480  
aggatgatctg cccacctcgg cctcctaaag tctgggatta caggcataag cactgtcaa 63540  
tcaattttta aaaacaaaca ttttcttctc tgtacctagt atgagacaat ttgagtgtac 63600  
tatgtcagggt atttgagtgg aatatataaa atctatatgt tgtacaagt tctagtacag 63660  
aagctatatg ttgtgcacat ccagcccttc tcgtagaatg tctagtacag agcctaacct 63720  
ttgcttacct aatcagggg tgtgctggct tcatcaccat tcccaggag ctgggtgctg 63780  
cctgtctgt ggtggggcac agaaacccat ttaccttcag tattcagata gtagagaaga 63840  
tggaccaagt tggacttggg aatcccat ctgattttga agtctaggct tgagatggg 63900  
actaagagat gagaaatgtt gtaaaagtgg agaccaagac tgctggagaa ttgagtcaaa 63960  
ctgagataga aggcaggact tgactccaga ggctgggctc agacaccgga ccagattgag 64020  
gactagcaaa tacagggcca ggggcagaag cagctttcta ctagacagcc caggagtgtg 64080  
ccatgtcaat ttactattgc catggcaaca cctgggaggt acttcccctt tccatggcaa 64140  
gactccaaag ttactacccc ttccctagaa atttctgcat caagactgct ctgaactgct 64200  
tgcaattaaa attgcgcata aatatgactg tatggagctg taactactgt actatctgcc 64260  
tatggggtag cctgtctctg caggcgagct tgaattcttt cctgggcaaa gcttaagta 64320  
agtgttttct ttctacctcc agcttgccct ttggggcttg cctgcccctg atcaaaacca tgctaagt 64380  
cttgtggcct aagctccact tagagcctgg agtctagaag gccattattg gaggtagctc 64440  
gggcaggctt tgaaaaagcc cacttccact gtgattcca gattcattta aagggaccca 64500  
tcttttatgc atcctgcaag tccaccaag catctctcaa gccaaaggga ataaacaggt 64560  
gagatatgct tcttagactt atgcctgaa tatatttgaa atctttttgt tttattttta 64620  
agcttcaaac agtctgcctc tctactttgt aatatcaca ttgttttaat aacccttccc 64680  
aaattacacg acttttgcatt tctactttgt aatatcaca ttgttttaat aacccttccc 64740

10043715-010902

cccaaattct tgacataaaa tgagcactgc agaaaaatgt ttcatatcca tttttggcct 64800  
 tatgtaatcc ttggcacaca acttgacctg agtcatgcct agcccagact gagaagcatg 64860  
 aacctacaga tgaatactga accattgatt gaatgtgtca tcattctttt gagacctggt 64920  
 agttttacaag cctagagcag agaaggggaag ctagtaggtg gccataaaat catggttgaa 64980  
 tgatataggt cttctcatgt tctattctta atctaggcat tttcaaacac atgcttttct 65040  
 ttctctaaaa tcttatttct ctttatttaa aatcaaaca ggctgggtgc aatggctcat 65100  
 gcctataatc tcagcacttt gggaggtgga ggtgggcaa tcgtttgagc ccaggagttt 65160  
 gagacgagcc tgggcaacat ggggaaaccc cgtttctata aaaaatgcaa aaattagcta 65220  
 gatgtgggtg cacacaactg tagtcccagc tacttgggag gctgaggtga gaggatcact 65280  
 tgagcctggg aggtggaggc tgcagtgatc catcattgtg ccactgcact ccagcctgga 65340  
 tgacaaaggg agacccatct aaaacaaaaca aacaaacaaa caaacaaaac aaaacaaaac 65400  
 atttttttga acatgtataa ggcacggtct gtagtattgg agaatcccag gatgaattaa 65460  
 tttggattcc atacttaca tttcggtctt caccaatgac ttgagaagct gctaattaggc 65520  
 ttctctgata acctatttta tcttcttctc ttttgatcct aattctgttc tatggattgt 65580  
 atactctcag atttattttc atcgtatttt gttttcatta agggatgctt gcaaaaagtt 65640  
 tagttgggga gtgaaaaaat aactcttatg tataccaat attaaaagtt tcttttgaaa 65700  
 aagttttttt ctagtaggtc ctttctaaca tgtcttttga aaacagtata ggttggtttt 65760  
 atggctatgt atggggatct catgagaatg ccattaaaat aagcttttgc tgagttggag 65820  
 gataaaagga aatgggaaaa aatccaaatg catcccatTA ttacaagaat ggttccctct 65880  
 acatttaaga aattattttt ctgcagttca gtgatttggg aaaacatgta tttctagttt 65940  
 tcctaagaat aaaatgaatt aaaacgactt taaatactac ataggacaaa ttttaatttt 66000  
 ctactgcatt ctatcataga ctcttttctt ctatatTTTA ttttatttat atattttttg 66060  
 agacagggtc tcattctgtt gccaggtctg agtgcggtgg tgcgatcacg gctcactgca 66120  
 gccttgacct cccggggctc aggtgatcct cctaccttag cctcccaagt agctgggact 66180  
 ataggctaatt ttttttttct ttttggtaga gatgggggtt caccttggtg cttaggctgt 66240  
 tctcaaacct ctgggctcaa gcgatcctcc tgtcttggcc tctcaaagtg ctaaaattat 66300  
 aggcgggagc cactgcgcca gacctatatt ttgttatttt gagagattat tctacttcat 66360  
 aatttggaaT gcatttctga ttttcttgtt ggaaatggaa aaatgactat tttaggttga 66420  
 atccattctt aattatcccc tgatacttgc tttaggacat ttctggatta ctttttctct 66480  
 tcctgttctt tttctctttt tttccagtcc tttcatgaca gataaatgtt ggttggtata 66540  
 accaaggagt tggtacatat cccaagaatg caaattcatt ttgatattaa atttaaaaaac 66600  
 atattccaag gaaggtaaatt tcaaccaccc caccocctac ctcaaacact atgggtgctg 66660  
 gttcccattc tctcttctct tgacctatcc tctgtagcat gagcattagc cacgtgtcag 66720  
 aagagttaca gtcactagaa agctacctag agggcacacc tcttgaaatc cacagtctgt aatgaatgta 66840  
 tttgaaagtt aagtcattat agggcacacc tcaaggggtt ggctttctag attccaaaaa 66900  
 aacacagaat gtgcatttgt gaactgtgcc agtagtgtca gacatcatta gtgacgtc 66960  
 aggacaaaaca ttttcagatg ttgaatgcac tatgttatcc cagaagaagt gtctccatct 67020  
 atttctgcat tttgtggttg gactctaaac cacagggagc tttgcccctg aaaacagcac 67080  
 tgccctggat ttggtgggag aaggatctga gcttcgcttt acactccctg tcccagaaag 67140  
 tgtggcagct ggaaatgacc ttatatggta cttttgatgc tgataaggac attccacagg agaatgctg 67200  
 atccgtatgg aatgtggtga cctgtgaacg gttaccatt aacactggct ctggtttcac 67260  
 ggtcgggtag acgaaggatc ggcatagttt tcattagtca gacattataa cctgagtttg 67320  
 accagtgaag agtggcagtc tttggaattg tcaagccaaa atgcatttcc tatggagtga 67380  
 gcctattttt ctttgaaaaca ctttccatgt gatagtttat tattatagag gtgacatggg 67440  
 gtgagtttgc ctctgccagc ctattgtttt tctttgctaa gaacagcagg aagagacaaa 67500  
 caccagagt ccctggcaag ctattgtttt acttttgcaa ggcaatgaga aaatgaattg 67560  
 aaaaagtcct tcagaaaata atttatctag cctgtatca ctgaggatag aaaatgtctc agaaggtcac 67620  
 ccattaggct gagcaatcta cctgtatca gtggaatctt gtacaattgt ggcttaaaat gtgaagttca 67680  
 tcatgtctaa gaagtttcac gtctgtaatc ccagcacttt ggggggcaa ggagaaaccc cgtctctact 67740  
 ggccaggtgc agtggctcac gagaccagcc tgaccaacat caggcatctg taatcccagc tacttgggag 67800  
 tcacctgagg tcaggagtgt ggtgtggtgg aggcggaggt tgcaatgagc tgagtttgca 67920  
 taaaatacaa aaattagctg tgaacctggg caactccatc tgaaaaaaa aaagaaaaa 67980  
 gctgaggcag gagaatcact gttcagagaa aatcccttcc cctcataagt gaggaatgaa 68040  
 ccactgcact ccagcctggg gttcagagaa cacttccatg cagacagtca gatggacaca cccagtagag 68100  
 tgaagtgtg actctgagga gctctatcata ggacacttcc cagctaccag acacagagtt 68160  
 gaatggaagc atattgcact gtctatcata tgtgttgcca gcaccacggc accctgcaca 68220  
 tctcttgggc tcagcccagt ttttcatctt tccccgtcta tctccctt tctccctccc 68280  
 gcacatagca ggtgttcaag ctctccctc cctcatctac ggagtgcttc ttatatccca ggcactgtgc 68340  
 tttccccgc ttcctcaac cctcatctac catgcatctc ctaaatatta agaaaaaaa 68400  
 ccaagcctgg tgcattggtga atttcagcaa

10043715 "010902



10043715-010902

tcccccgact	aagaaccttt	ggtttttaac	ctcattctgt	gctattttca	gtaacttctg	68460
gtttccacac	taaaaaaatt	tgcagtcatt	atattattgag	catgatctac	agaccaggcc	68520
tagtaatagt	cacctaattc	attaattcac	ttacccattc	acaactattt	attgagtacc	68580
tattgcatgt	taagtgtctg	aattacagca	gtgaataaac	acacaaagac	tcctgaagct	68640
catgagtgtc	caattacttg	cattacctgt	atataaacct	atattattca	tgatcctcat	68700
gaagcttccg	gtgggggtgaa	gggagagaag	caatatgtaa	gcaaacaata	aacatgtatg	68760
acatcaggag	gtaatcaata	acataaaaaat	gtaatgacac	gggggactg	gagagaacta	68820
cagcagggtcc	tatgaaagct	gggggaaaaag	catgatagcc	agagggaaca	accggtgcaa	68880
aggcactggg	gcagagagcg	cctgtgtgtt	cgggattgtg	ttttggctgg	agcagagggtg	68940
ttgaggggga	agtgatcaga	gatgagatca	cacagctggc	aggggtgatg	tctcctacag	69000
tttcataagc	cactctaagg	acctggctct	ccctctgagt	caaatgggaa	gccagtataaa	69060
aaatttgaac	aaagcggctg	ggcgcggttg	ctcatgcctg	taatcccagc	actttgggag	69120
gccaaggcgg	gtggatcttg	aggctcggat	atcgagacca	tcctggctaa	cacggtgaaa	69180
ccccgtctct	actaaaaata	caaaaaatta	gccaggcttg	gtggcaggcg	cctgtagtcc	69240
cagctacttg	ggaggctgaa	gcaggagaac	ggcgtgaacc	cgggaggcag	agcttgagct	69300
gagccgagat	tgcgccactg	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	69360
aaaaaaaata	tttgaacaaa	gctacgtggg	gcatgatcta	ctgcacggta	cagtgggttaa	69420
gtcctcgggt	cttgggcaag	gctactattt	tgggaattatg	cctctgtttc	ttgtctagttg	69480
tgtgactgag	gttaagttac	tcaacttctg	tgcaccttct	gtgtgacaac	catacctacc	69540
ccttgagtcg	ttataagggg	tatatataatt	aatatttcta	aagtacatat	ttgttaagtg	69600
tacaaaatga	atggattttt	aaaaatcact	taaaatgtac	tagataatta	tgaactgctt	69660
ttggacaatt	aatcaagtga	cttccctaag	ggcacagatc	atagatgaac	aggtcaggat	69720
ccacacccag	gtctatgtga	ccctgaaaacc	catattttta	gcatacagcg	tggcacctgc	69780
ctctttctct	tgcaatctca	gctgctggag	ccatcattaa	ttagatagta	acaggggtgta	69840
ttatgggttg	tattgtgtcc	gccccaaaat	ttatgtgtgg	aagtcctaata	acccgggtacc	69900
tcaaaatgtg	accttatatg	gagacaggga	aatgtaatca	agttaacgag	gtcattagga	69960
tgggccctaa	tccaatatga	ctgggtgtcct	tgtacaaaga	ggaaaatttat	ttttgttttt	70020
gtttttgttt	tttcttgagg	acagagtctc	gctctgtcac	ccaggctgga	atgcagtggc	70080
acgatctcag	ctcactgcaa	cctccacctc	ctgatttcaa	ccaattctcc	tgccctcagcc	70140
tcctgagtag	ctgggattgc	agggtgcccgc	caccacacct	ggctaatttt	tttgtatttt	70200
agtagagaca	gggttttcacc	atggtggcca	ggccgggtctt	gaactcctga	actcaggcaa	70260
tcctccctcc	tcagcctctc	aaagtgcctg	gattacaggc	gtgagctaca	acacccatcc	70320
aaaaggggaa	atttgaacac	acacacacag	agaaagagag	agacagagaa	agagagagag	70380
aatgccacat	gaggactgga	gttatgttgc	cacaagccaa	ggaattttga	gaagcttggga	70440
aagaggcctg	gaatagctcc	ttccctggca	tcttttagagg	aagcgtggcc	ttccaaacac	70500
cttgatttta	gatttctagg	ctccagaact	gtgaaataat	acattttatat	tgttttaagcc	70560
aaccagtctg	tgggtgctttg	ttatggcagt	cctagggaac	cagaatgctg	tcttttagtta	70620
tcctcaatat	tttatgcact	caaagaagcc	tttgccaaat	gtctagtga	gacacagtgc	70680
tagactcctt	ccctagggaa	ggcagctggg	ttttgtgcag	tttctatgtt	gtccaaaccc	70740
tttgccccag	gagtggtgga	gaagctgcag	caagtcactt	acaatgaagg	gtgattgcga	70800
gtaggagtga	tcacctaggt	ctctgatgtg	tgctaatttc	ctcctgtaat	taacctgtca	70860
acactgtctg	ttaataaacc	taggggggtg	ccaacattga	tcaaatataca	cacgaggaaa	70920
ttggatccta	tggaaaaaat	gtcacatcaa	agtttcagaa	gcattttaaa	aatctgttct	70980
tgattctgct	gagtttttaa	gtcagacaaa	tcattcctga	tgagttaaga	ttgctggcac	71040
ctgggtcgct	tgggtgaggca	cctcgttttg	attgcccgtt	gcatagtttc	atttcagcct	71100
aagatcttaa	ttcctgcaaa	tgatttccct	agcatatatg	atgaaaagta	atgtgcctgc	71160
tgaagatgga	tttaaccata	tttagctatt	ggaaagacct	tgtcagggaac	catctttatt	71220
catttttttaa	atgtttgtat	agtggcatat	gaatgttcaa	taaatataat	tttcatgatc	71280
acacaatatt	ttctcttaac	cttgatctct	tctcctagat	tattttaatt	ccctatgtta	71340
ataatagaaa	aaaaggacct	ataattgcta	ttgaattcct	gcagtttaca	cactgtgcta	71400
gaaataacctg	tcaaatctcc	ctgtaactgc	tgtgaaacag	cctcagaagc	cagcggggcc	71460
accagcagaa	ggtctgatac	cttctacctc	acaattaatc	tagatttggc	ggggcatggt	71520
ggctcacacc	tgtaaatccg	agaacttttg	gaggccaggg	caaggggctt	acttttagtcc	71580
aggagtctta	gaccagcctg	ggcaatacag	caagaacagt	ctctacaaaa	taataataat	71640
aataataata	attagccagg	tgtggcggtg	catgaccgtg	gtctcagctt	ctctggaggc	71700
tgaggttgga	ggattgtttg	agccccaggg	ggtcaaggct	gcagtgaagt	gtgatcacac	71760
cactgcactc	cagcctgaga	ctctgtctca	aaaaaaaaaa	aaaaaaatct	agattttatg	71820
atcatggatg	tggagaatc	agaccttgct	ttgaattcag	ctgtgtcact	cactatacca	71880
gtttcagaaa	taccttctga	gggccatgct	ccctaaaaat	aatttttaata	aagagtatag	71940
acagtttact	tcttaaaaag	caattttatta	tctgaaagaa	ggaaagtcca	tagtgattat	72000
tctgggtcaat	gcttcattca	tgttgatatt	tccatagata	atagtagtta	attttttggtg	72060



10043745 "010902"

gttggtgatt	tacatgtttc	attaacttag	ctacatgcct	tgtagcacct	aacacctcac	72120
cctttttgag	caatttctca	ggaaaagatt	ggtgatgact	ttgttttgta	cagctgactc	72180
atcaccccaa	actcgccctg	tgatgagccc	tgggaaccct	tgcaaccttg	atgacagcag	72240
tcaggaagta	tatgcagtta	agcaattccc	atagaaggga	agtgaagcag	tgggtcacct	72300
gatactggag	tctcataacc	agactcgcca	agtaggaagg	aagcctcctt	gcagggcggt	72360
tccaccacag	tatgagcggc	cacagaaaaa	gttaccctga	gtgttccgtg	ctgcaccgcg	72420
tcacccagcc	ccacattcat	atgttgaagt	cccaaaccct	agtacttcag	agtatgatcg	72480
tatttgga	tgagtcttta	aagagataat	tcagttaaaa	tgggatcctg	ggagtgggct	72540
ctaattccagt	ttaaattggcg	tccttagaag	aagaggagag	ggggacacag	acacacacag	72600
agggaaatccc	atgtgaggac	atagggagaa	ggtgccatct	accagccaag	gagggagggt	72660
tcagaatgaa	ccagctctgc	tgacacctga	tctcagactc	ctccaaaaca	gtgagaaaaa	72720
aaacttctgt	ggcctaagg	gcacatctgt	tgatgtttgt	tactgaagcc	ctatctgact	72780
aatacagtg	gtgttgcgtt	tatgcaacct	tttccttcat	agaatgcaga	gggattaatc	72840
tcctacttct	tgctgtttt	ccctcagcat	tagccactct	ggcctcctcg	ctgttctgca	72900
cacgtgccat	tcctctgccc	tagaacatat	ttctttcaga	taccttccctg	gctccttccct	72960
ttggttgctt	taagtctgct	ggcatcttgc	ctctcggca	ggtctcctct	ggccacttat	73020
tcaaaattac	aaaccatcca	cctcctacca	tccccagca	ctctttatcc	tccttggttt	73080
taaaattttt	ctctatatca	caaggtcagg	agatcgagac	catcctggct	aacacgggtga	73140
aacctgtct	ctactaaaaa	tgtaaaaaat	tagcctgggtg	tggtggcagg	agcctgtaat	73200
cccagctact	tgggaggctg	aggcaggaga	atggcgtgaa	cccgggaggc	ggagcttgca	73260
gtgagtccag	atagcaccgc	tgcaactccag	cctgggcgac	agaatgagac	tccgtctcaa	73320
aaaaacaaaa	aatttttttc	tctagagggc	ttatcacctc	ccagcacctc	atataatgta	73380
cttattttaa	catttaactt	cttcatlaga	atgtaagctc	catgaaggca	gaaatttttg	73440
tctgttttat	tcaactgatat	atgcccaca	gtagggatag	tacaggacat	gtagtaggaa	73500
ctcaagaagt	atttgttgaa	tgaaaaatatt	aataataatc	atcataatac	ttaatgtgaa	73560
ttgagcaata	tgtgccagat	actaagtgc	ttacgtgtat	tggttcatta	tacatgcata	73620
gatacactta	atgtagtata	gcttaattaa	ttatgttaat	taatatatga	attacttcat	73680
ggttaaaata	aaaatattcc	tgtgtgggta	aaaaatgttt	gatttctttc	ctctttgtta	73740
tatatgttg	gagtgaagga	actcctctaa	aagcagagta	ggcagtata	aagcttgtag	73800
ggaaactttg	attcaggaca	aagaaagatt	tgtcttttca	gaaagggtgt	tatatagccg	73860
ggtgtagtg	tgggcgctg	taagcccagc	tactcggaga	atcgcttgaa	cctaggagat	73920
ggaggttgca	gtgaaccagg	atcggtccac	tgcaactccag	tctgggcaac	agagccagac	73980
tctgtcttaa	aaaaaaaaaa	gaaaaaggag	tttatggtac	atgtgaacta	gtatttacta	74040
gttaccaatg	attcagtcct	tacctgtgg	gaggcacaat	cccttccctc	gccaaccagg	74100
gaaggaatgg	ataaaacaat	ctgcaaggta	gaaagtgcag	aatgaaatg	caaagactgg	74160
attacaaagc	acgttatgcc	tccgtccaaa	cactccctac	gtttctcacc	atagccttca	74220
agataagaaa	gagcttttga	ttcgtctgga	taattttgaa	gcagataatt	tcttgaaaat	74280
attcgatttt	aatcttgggt	gcttttgtgt	tttgtgtatcc	ttattgatta	cctatttcag	74340
catagttaga	gtagttaaaa	gttgctaggg	tcaattataa	tgtaaaaagg	atcaataatg	74400
ctgttagatg	tttttaaaaa	atagaaaaaa	atctagttaa	aagctatgat	ttgaaagtat	74460
aacagctgtg	aaattgctac	ctttccctcct	tctgctcatt	catcatctcc	cggtctcgag	74520
tatgttggag	acagcgtctg	gggactgaat	tgaataattt	gaagggggga	aatgatacac	74580
ctttgtaaat	taaacacaac	tgccaggaag	attgattaaa	tacaacttaa	ctgaaacctc	74640
attatagatt	cagatgaagt	tcctcatcag	tctttctaca	gaaaaaaaaga	agaaacagct	74700
cccaaactctg	gatgtgggtt	cccttggaa	agatctcact	ttttaagaag	ttttccttct	74760
gtggtgttaa	aaaaaatcat	tttttttttc	tgctgctgtt	ttagaaatcc	tgaaaagtca	74820
taatgcccg	taaatgaatg	ccccatttat	gagtcacatt	tactttttaca	tatatatgtg	74880
ggagactccc	tagagggtgta	tctgaagatt	actaatggaa	aatcttgatt	tattaactca	74940
ggggaagcta	catagactgt	ctccaagagt	tctgtactcc	tctctcttat	aagagtactt	75000
tgaggcggg	cgcggtggct	cacgcctgtg	atcccagcac	tttgggaggc	tgaggcgggc	75060
ggatcacgag	gtcaggagat	tgagaccatc	ctggctaaca	cggtgaaacc	ccgtctctac	75120
taaaaataca	aaaaaattag	ccgggcgtgg	tggcagggtgc	ctgtagtccc	agctactccg	75180
gaggctgagg	caggagaatg	gcgtgaaccc	gggaggcgga	gcttgcaagt	agccgagatc	75240
gcgccactgc	actccagcct	gggtgacaga	gcgagactct	gtctcaaaaa	aaaaaaaaaa	75300
gaaaaagaaa	aaagagtact	ttgaataatt	ttccctcacc	actttccatc	atatatatat	75360
gtatatatat	atacacacac	acacacccac	acaacataaa	catagatatt	tatgtatata	75420
catacatata	tttatataaa	cacatatgta	tattcatata	tacatccatg	tgtgtgtcta	75480
tatatattagt	attgcccgat	tttgaaaact	aaaaatgatg	catttttcacc	ataaagaaat	75540
atcatgtaat	gcaggaaaga	gcaaagaaga	aactaacaaa	tcccacaaaa	tcacatctcc	75600
ccaaggaaaa	aaaattagtt	tggtccatgg	tgaacatcat	tctagatgtc	actttaagcc	75660
tatattgcaa	agtaaaatgc	tttcaggagt	caagagggaac	ttccgtgggt	gagactgatg	75720

tgaggagact	cattcaatcc	tctcagtcta	ccttgagcct	ttccacatgg	tatggagaaa	75780
tattttctgta	ccctaaaaaa	aatttttttt	aaactacagg	gcaagcaaga	tgatatatag	75840
caaccaatgc	tttccttggt	gggagaacaa	taagagtgat	ggcacctctg	gcaaaactgaa	75900
gaagacatgc	cccgtccgga	gggcacaggt	atttctcagg	taaagtaggt	gatttgccaag	75960
tggcaatgtg	gtcccagtg	tgtcagaact	tctgttctgc	tagaagttag	acatttgact	76020
tcgtactaga	aacttttcta	tttaaaaaata	ttttctcaaa	attgttttaa	gactctatgt	76080
ggtggctcac	cctttttaatc	ccagcacttt	gggaggccaa	ggcaagagga	ttgcatgagc	76140
tcgggagctc	aagaccagcc	tgtgcaacat	agtgagattg	catctctaca	aaaaatacaa	76200
aaattatcca	gtgggtgggt	tgacagtagcc	tgtatccagc	tactcaggag	gctgaggtgg	76260
gaggatggct	tgagcccaag	aggtggaggt	tgacgtgagc	caagattgtc	ccactgcact	76320
ccagcctggg	tgacagagcc	agactttctc	tctaaaaaaa	aaaaaaaaaa	aaaaaattgt	76380
ttaaaagtgc	tgcaacgtag	cctactcact	gctatttggt	agggacagtt	agataaatgg	76440
atgggtagaa	agatctatag	ataaataaacc	agcaagtcaa	atgattattt	aaaaataaag	76500
taattctata	gaagctactt	acttttttaa	aatcacaata	gatctatata	taaataacca	76560
gcaagtcaaa	tgattgttta	aaaataaaat	aattctatag	aagctactta	cttttaaaaa	76620
aaaatcacaa	ttttacttaa	acttgataga	agaaaaacag	gccaggtgtg	gtggctcacg	76680
cctgtaatcc	cagcactttg	ggaggccaag	gcgggcagat	cacgaggtca	ggagatcgag	76740
accatcctgg	ctaacatgct	gaaaccccat	ctctactaca	aatacaaaaa	attaccaggt	76800
gtgggtggc	gtgcctgtag	tcccagctac	tcaggagggt	gaggcaggag	agtcacttga	76860
acctgggagg	cagaggttgc	agtgaactga	gattgcacca	ctgcactcct	gcctgggtga	76920
caaagcaaga	ctctgtctca	aaaaaaaaaa	aaaaaaagaa	agaaaaagaa	actgacatta	76980
aactgaaaga	gttgctaaac	ttcattaagc	atttcttcac	catcaaagag	tcttctaaac	77040
ttaagaaaat	tattgtggaa	aacattatga	gattggagac	ttaattatta	caataaatga	77100
tcactgtatt	tttaactaca	ggtatatgct	ttagttaaag	actatacaga	ttgacttcct	77160
acttttagaa	gatttctact	ccttaataaa	tttttctctg	gtttgtccca	agactatcct	77220
atcagcctta	gtccactttt	ctcagaatgg	tagggaatta	tgagaatctc	ataatgtgaa	77280
gtggctcttc	ttccttagta	cttcttccgg	aggcggaacc	atagcacttc	tgaatcttct	77340
gtttcttttc	atagactgta	ctctttgatg	tttatggaat	aatgctatgc	cctttcctta	77400
tttggttgtt	gctagagaat	tttttgcatt	cttaaaaacc	acttttcagc	caggtgcagt	77460
ggctcatgcc	tgtaatccca	gcactttggg	aggctgaggt	gggaggactg	cttgagctca	77520
ggagtgtgag	accagcctag	cagatccccg	tctctacaaa	aaatataaaa	attagccagg	77580
tgtggcggtg	tgtgcctgta	atcccagcta	cctgggaggc	tgaggtggga	ggattacttg	77640
ggcccagggt	gtcaaggctg	cagtgaactg	tgattgtgcc	actgccctcc	agcctgggtg	77700
acagagtggg	aacctgtctc	aaataaataa	agaaattaaa	taaaacaatt	tttcatatag	77760
aggtatcaaa	gcaagtgggt	tttataatcc	tatttaccaa	tgctgtattt	atctagaaac	77820
ttttctcaac	tatcttttaa	gctagtgtaa	tatttaccaa	gaaactgtta	tatgcaatca	77880
atatttatca	taccagatag	tgtgactcat	aaagtattat	ttcaagcact	tgtgggtgta	77940
tcattaatth	agcaatcata	tactatccta	tatcatgcgg	ctgtaattac	atgtctgcat	78000
agocatatat	actatatatc	aatttctctg	gttattcgac	agtgggtgcc	ccagttacgt	78060
ttttaaaatt	taatgtatth	tacgactaaa	atagatctta	tagatcagtc	aactctcatc	78120
ttacagatga	tgcaattgaa	gctcagagat	caatttgaaa	agcttttaag	tccttcaagg	78180
gactggaaat	cactcaagct	ttttgtaccc	tcaactcctt	tttcatctct	ggtgtgtaga	78240
accacacctt	gtgtgattac	agatagatca	agcccaataa	gaaatctgct	gccctaaact	78300
ccagtattga	gaggtgctg	gcggtaagt	aagaggcttt	ccacattttc	aaaccaacct	78360
tcttgcctat	gaactcataa	gcctatggat	gctgcttacc	tgtgtgttaa	ggtgtggtag	78420
gtgccggcct	tcatggctgg	tgaaaatgtg	tctgtattag	tccgttttca	tgctgctgat	78480
aaagacaaa	ctgagactgc	acaattttaca	aaagaaaagaa	gtttaattgg	aaaattaaac	78540
ttttccaatt	gtggcgggga	aacctcacia	tcatggcaga	aggcaagcag	gagcaagtca	78600
cgtcttacat	gaatggcatc	aggcaaaagaa	agtgaacttg	tgcaagggga	ctcctctttt	78660
taaaaccatc	ggatctcatg	agactatcac	gagaaaagca	tgggaaagac	ttgcccccat	78720
gattcaatta	cctcccactg	ggtccctccc	acaacacatg	ggaattcaag	atgagatttg	78780
ggtgggggga	cacagccaaa	ccatatcagt	atctatctcc	agatttttga	gtaaaatata	78840
gattcagggg	atagagcttc	agaaacaaa	tacctcttga	tttacaacta	cctatttttt	78900
tttttttttt	ttttgagaca	gggtctcact	ctctcatcca	ggctagagtg	cagtggcatg	78960
atcatagctc	actgcagcct	caacctccta	ggctcaaaaca	atcctcccac	ctcagcctct	79020
caagtagctt	ggactacagg	cacatgccac	catgtccggc	taatttttgt	gttttttgtg	79080
gagaaggggt	ttcaccatgt	tgcccaggca	tcttaaaact	ttggactcta	gtgatccacc	79140
caactcagcc	tcccaaattg	caggtattac	gggtataagc	caccataccc	agccgtgact	79200
acctgattaa	gagaatttcc	caatctagaa	agcttttatca	ccatttggag	atcagaagtc	79260
tggatgaaag	aaaagaacta	ccttattttat	ccctctgagc	attttttttt	atataatatg	79320
cttttttaaaa	tatattttga	ccagatgctc	cctcctgcac	caacccctcc	tcgccaccaa	79380

10043715 "010902"

10043715.010902

cacacataca tgcctctgtg tgtgggattt gttgttgcg ttgttgttgt ttggcttttg 79440  
 gctttttaa aaataggtgc tgtgggcagt acaataatc cagtggctt tcaactatca 79500  
 cattgactcc tcaactcca ttcaagatgc tttcatctga catttaaat ttaggcata 79560  
 agcatcccag cactttgga ggctgaggcg agcagatcac gagtcagga gatcgagacc 79620  
 atcctggcta acatgggtgaa acccgtctg tactaaaaat aatacaaaaa attagcctgg 79680  
 cctgggtgatg ggcacctgta gtcccagcta ctccaggaggc tgaggcagga gaatgggtgtg 79740  
 aaccaggag gggagccttg cagttagcca agatcatgcc actgcacact ccagcctggg 79800  
 tgacagagcg agactctgtc tcaaaaaaaa aaatcgtagg cataagcatg 79860  
 caggtgacag tcagccgtac catcacatcc acatgtaact atttccctca tgggaagtaa 79920  
 ataacttctg agtttttact aaaggacaca atggtccaat agatgtgtgt gtctgtgtgt 79980  
 gtgtctgtgt gtgtgtggaa caatgttcaa ccaacccttg atactttaca ctgaagaaaa 80040  
 attaaaaaga gacctagaat gaagaggatt atcaataatt tattgaagaa attctgttca 80100  
 ttttgataaa cattcattgt caattttatt tacattagga atagtgtat acttctagcc 80160  
 ctgttactca catccttcag catctacata aattatccat ccaaaacct ggcttcccag 80220  
 ttcccagacc cctttatgcc cactcatttt tttctccacc cctcagcaat cccattttta agtgcctgt 80340  
 caaggccttt caatatctgt aactacacca ccttccctaa tatgccact ccaacactat ctgacttcc 80400  
 ctctgattac agcctccagg ctttccctaa tctgcccact ttttttttg aaatatgtca 80460  
 cagatactgc caatccattg gcattttttt aaaacatcat ttttttttg agcagtcata tatctactat 80520  
 agaactcatt cacacataca aacaatataa agaataacac cattaaacct aactaccatt ctcactcatt 80640  
 ctaactatag atataaaata ttaccaagag ctgtattcct ttgtattaat ttgtattcct ctcttgatgg 80700  
 tacatcccct agataactac ttttatctct ctacaaaaata ctgtttcgtt tctgtacttc cttttatttt 80760  
 aatttttttc ttttatctct ctacaaaaata ctgtttcgtt tctgtacttc cttttatttt 80820  
 aattactggg atcatacaga ctgtattcct ttgtattaat ttgtattcct cttttatttt 80880  
 aatgtgagag tgcctcctgc ccatcattat ttaaaacaca tgtttctgtt gatgggcatt 80940  
 tattatacgg tgtgaatata ccatcattat ttaaaacaca tgtttctgtt gatgggcatt 80940  
 tggttctccc atttgtttgt tttcaatttc aaacgatgct acagtgaaca tttttgaaca 81000  
 cctccctgtg cacagataaa tgtgtttttt ttctggaaga catggccatg ccacgggcat 81060  
 acttattttc atcttaactg gtgctgtcag attatttctt cttgcccagg ttagattccc tgaagcatca 81120  
 cttcaagcag ctcacgtcct tgcttctttt acctgacctt cctctttca ctgagccttc 81180  
 ctaagtgatt cctttccata tattgtggcc acctgacctt cctctttca ctgagccttc 81240  
 ctagcaaaag cccgtctttg gcttaatcca attcttatta ttctgaactg aatgtagaga 81300  
 ataacagagc tctgtgact gatccgtgc acccatgcca cctcatgggt gcccttactt 81360  
 ctaccaggca gtcccagctc attccctaaa caattctctt tcccagacaa ctgttcacac 81420  
 ctttctctct caacttctgt cttcactctc aaatgatgac cgtttccctt tcttttaca 81480  
 tactataaaa agcaaccgga ggagaacttt ggcacaaaag gggaaactgtc tctgacaccg 81540  
 tgctgccggg gacctctgc cgtcccacct gttccatctg tctgacaccg cttaaagggtt 81600  
 tctaaagcca acccctcttc tgaacactgg gttccatctg cctccctttc ttcaggatct 81660  
 ttctactcta attttctcca ctgctcccac atcactattt tcccgcttta aaataaaaaat gtcctatcct 81720  
 gtcattagca tacagacatg ctctaataatt tcccgcttta aaataaaaaat gtcctatcct 81780  
 cctgtcttcc acttctcat gtatctgctt tggtgtatgg tgagctcatc aagagttatc 81840  
 tataccgatt gtctctattt cctcattcct atctgagttt tgacacactc agtgaaccg 81900  
 ccattgccaa gccattgata acctccatgt taccaaatcc aatgatcagc tctcagttct 81960  
 tatcaacttt acagcaacag ttgagccagc aacctctgaa tggtcagaga ggctgtagct 82020  
 ctgttctgta ccaattcaaa ctgggtctgca atttgagttg aatcctggga gttgagcctt 82080  
 gaatctgcag ctccacctga ttttcttcac taggttcca aggcactttt cctgttatcc 82140  
 tctccctgcc tttgcctccc cactgaggct tcttctctgt ttccttttct ggatcttctt 82200  
 ttcttctctg gcctctaaat gtttgagtac ccctaggtac agacctcgtc tctcgatcta 82260  
 cagtccaccg cctgaagctc tcatctgccc catagctttg aataccatga atatgctggg 82320  
 aactccaaa agcatatcaa caatcccctt taaggagcac tgatatgcac ccctgtttat 82380  
 actccacatc tttacttggg tatcaatggg catgctgacc aaacaggatt ctaggttctt 82440  
 ccctcctggt tgtccacaaa tagctctacc ctccacctag tttcccagac cacaacacctg 82500  
 ggagtcatcc ttgattctc tttttatctc acatcccaca ttttcagaac cttccctacc 82560  
 tgtcatcca aattagcata tgtcccctga ctctgacctt gtaggagcct cctaaagatc 82620  
 agcatcctag tccaagccac tttccctctc ccaagctact gtaggagcct cctaaagatc 82680  
 tccctgcctc cattcttgac cctacacagc atgcttacag aaaatcaggg caagtctttc 82740  
 ttgtttcctt tcatcttccg aaatatattat tgaggtataa catatgttcc atgttggtgt 82800  
 caaatcttaa tgttcaactc agtttttaca gatgcatttg aaaccaaca caatagtatt tttttttttt 82860  
 cccctcctca aaatacatat gttgaaacct ccacgctgga gtgcagtgcc acagtcttg 82920  
 tttttttgag acagagtgtc actctgttgc gcaattctcc tgcttcagcc tctggagat 82980  
 ctactgcag cctccacctc ccaggttcaa atgtaatttt tgtattttta gtagagacgg 83040  
 ctgggattac aggcattgcac cactgtgccc

ggtttcacca tgttgccag gctgggtcttt aagtcctgac ctcaggcgat ctgcctgcct 83100  
 tagcctccca aagtgtctggg attacaggcg tgagccacca agcccggccc ccagtgcaat 83160  
 agtattaaga ggtgaggtct taggggatga ttagatcatg agagcaaagc cctcttgaat 83220  
 gagattaatg cccttataaa agaggttaga cgaagcttac ctccctttc actcttccac 83280  
 catgctagga tacagctaga aggctctatc tatgaaggca acatccatgt ctgcccttac 83340  
 cagacaccta atctgtctggc accttgatct cgaacttcca agacttcaga actataagca 83400  
 ttacatttct gttgtttata aattatgcag tccaaggcat tttgttatag tgcccaaacy 83460  
 aatgaagaca ttgtatgtgg aacatctgtg aggatataga ccacttctag caccacagaa 83520  
 acctcaacca tgacctctcc cagtctataa ctcccaaagt taacaaatgt gacttctatc 83580  
 atgatagatg acctccactt ttttgaactt cgtatgaatg gagaaatact gaatgtatc 83640  
 tttcatattt ggtttctttc atctcttcat taggtctgaa aaaaatttct tctcttctat 83700  
 ttagctgtac cttgtgattt ttctttgtctg ttatcttcca ttgtatgaat ataccacaat 83760  
 ttatttatcc tttgtaaagt taaagaacat ttggtctatt ttttagcttg gggctattat 83820  
 gagtaaatat gctatgaatg ctcttgtaca cgatttttag tgaacagaag ctgttatttc 83880  
 tttggggat atttttcaaa tttttctatt ttttttagc tttatttatt tttttattta 83940  
 gagatggggg tctcatttta ttgccacgc tgggtctcaa ctctggcct caagtgatcc 84000  
 ttccatctct gctccccc aaagtgtggg tacagggtgt agccactgaa cctggcctct 84060  
 ttgggggtat atttatttgc aggtgtgaa ctgcttggc aaaagaatat gtgtgggcca 84120  
 ggctgtgtgg ctacgcctg taatcccagc actttgggag gttagagacg gcggtact 84180  
 tgagatcagg agtttgagat cagcacggcc agcatggtga aaccccaact ccactaaaaa 84240  
 taaataaata aataaaaaa aaacaaagca aaaaacaaa attagccagg tgtggtggca 84300  
 ggtgcctgta atcccagcta cttgggtatg tgagaggcag gagaatcact tgaacccggg 84360  
 gagtgagggt ttcagtgagc cgagatcacg ccactgcact ccagcctgga tgatagagt 84420  
 aaactccatc tcaaaaaata aaaataatta aaaaaattt aaagtatatg tgcattcagc 84480  
 tttagtagat actgtcaatc cattttccca agtggtctta ttgactcata ttcccacata 84540  
 agatacgaag attctgttgc ctttacatct tcaccaacac tttattttta gccattcttc 84600  
 agtgtcgtag tcatttttta acataaaaaa ccaagcacaa actgtctcct gactacaatt 84660  
 tcccagggtc cctcctggca cttctctggg ccactcttcc ctttctatcc ctccccctca 84720  
 ttgtcctgct cctcactcc attcaccagg actgtttcca cctctggata ttttctctcc 84780  
 gttttcctaa gcctgggtgt cctttttccc agacatcgaa gtcctttgct ctctcatttt 84840  
 cttgaattcc cttctcaaat gatacctcct tagagagatc tttgcctcct gccatgctcc 84900  
 tattgcaccc tatcttttta ctctgatttc ccttcacagt acttatcggt tgttgacctt 84960  
 acgtcataca cttgtttatt tgtttattct tggtttccct tggtagaatg cacactctat 85020  
 gaaagcagga aagttgtctt tcttgatcat ctctgcatat tcggcgttca gtgccggca 85080  
 gagggcctgg cacttagcag gctctcagat gtttggtaaa agagttctct atctgagcga 85140  
 attctttctc cccagcaatt ttatcccatc acttacactt ataatcatgt tctcctcttt 85200  
 tctttcatcc aatcttcatt ttttttctat tctacttct ctttctttt 85260  
 tctactcta tttcattatt cataggaggc tttggaatta cagagacggc ggggcctcag 85320  
 gttggatgct gaacattaaa gctctaaatt gcagggcagc aggcaaggga aaaagcagag 85380  
 ctaacacttc ttttgcaacg ttaaaaatgc attatgacag gcctgggtggc tcatgcctgt 85440  
 aatcccagtg ctttgagagg ccaaggcagg aagattgctt gagcgcagaa gttcaagacc 85500  
 agcctgggca acatggcaaa accccacctc tactaaaatt acaaaaatta gccgggtgtg 85560  
 gtggtgcata cctgtagtgt cagctacttg gaagctgagg tgggaggact acccgagcca 85620  
 gagagactgc agtgagcaga gatagcgcca ctgcaactca gcctgggcca cagagcgaga 85680  
 ctccacaccc ctccctgcaa aaatgcatta tcatactcta cactttatct tgaatttagc 85740  
 tgaaggcttt catagaaatt ctccctctctg tttctctatc cctctgcctc tttccttttc 85800  
 tctacacctc caactagaca tttcacagac aaatctctgg agtagagtcc attctatgta 85860  
 acagcaagcc cctcatgctg ttggtcacaa aaccacactg tcagagccag agacagtggt 85920  
 aaacctgct ctcccagatg gagagcagcc ggagccggga ttttggtaga gggagtggg 85980  
 aatacattag ggaaagtcta atgagaacaa aagaggcagc tgaatattcc ccactccacc 86040  
 ttagtgtgca agagggcagc agtccagatt tttcatggcg ttggggctctg gcagggtcgt 86100  
 tagtctctat ccaacaagca ttagaaaaga acagaaaata acatatatct gggggtgtgc 86160  
 ctgcctgct ctgtcttctg caaacaacaa taactggaaa acacgactta gcccttact 86220  
 tgatggagg agaaatttgg aactcttctg agatgatgaa agaatagaac tagataagga 86280  
 aagtaaaatg ctgttcctgg tctgaaaaat agaaatgatt gatctgtagt aacaccaact 86340  
 acaaagagta caatccaggt agactcctct gagctgggca cctgtcaca gagaggggga 86400  
 agaacatcag gcttattcgc atgtgtgcaa atggccaagc actaatgtag gaggactgac 86460  
 gggagtctat ctatctgtgg cttctgggta gacacaggca agcctaacc tgcccgggc 86520  
 tgtgtctgat ggcgaggctt ggtatatact acaagcacct tgtcattagg gttttatcgt 86580  
 gctatggata tgctaacgat acatttataa acaaagtttc taagtagtgc aattgccgag 86640  
 gaaaaactga ttgatttata caagtgtgga ttttttttag acatcccgtt ccatgcctta 86700

10043745.010902

10043715-010902

gggtttctag	tggtctctag	ctgggcaagt	ccagactcac	tttggctctg	ttctgggtgt	86760
tttccgaggc	tgtgctcgct	ctgtgtggat	gacatgagtg	tgtgtggagt	ttatggctgt	86820
gataaaatac	agctctggca	tttgctgtgg	ttccctatcg	aaagccacgc	tttctcggca	86880
ctgggtgcct	cccactgtag	aatctgaaaa	tctcagataa	tcacattcct	ggtgtgtttg	86940
tagctcagca	gaggaatggc	acccaatcct	gggcaaagga	atgtgaaggt	ttctggaaaa	87000
caggttttct	tccccaattt	tcaaagagag	gtttcttccg	gtccctgcct	tcgttcgagg	87060
gagcacgtga	tacttggcac	tgcaaccaca	gtcttgtgaa	cctgtgggag	cagcaccaag	87120
gaccacgaag	aggctgcccc	agggcccagg	agtcactgaa	tgactgagcc	aatctggaat	87180
tgcttctctc	tagggccctt	ttagtacacat	atcttgcttc	ttgcagaaga	aagcattaac	87240
aatgaattac	agcatattta	gtcggctatg	cgtaaataac	aacgtagacc	caaatccccc	87300
tttcaaggcc	cctcagggtc	tctcactgca	ggtagaataa	agcatgaggt	cctgaacaat	87360
cagccccctc	acctctccaa	gcttctcagg	ccttgctcta	tggtccccac	gtagtctcct	87420
ccttcacttt	cctgtgtgtt	ctcactgtca	aattctacct	cagggccttt	gcacacactg	87480
atgaactgaa	tcctattcct	tcctctgcac	tgactttaaa	agctgcttcc	taggaatggc	87540
cctgtttctc	tactcaaact	aaagcagatg	cctgggtgta	tttttctctg	tcagttccct	87600
gctcttttcc	tcggaggccg	tagccaactg	tgtggggctc	ccttaacatg	cattccagtc	87660
tccttctcga	aggcagggcc	taagactcaa	actgcctttc	ccaggctcca	ttgcagctgg	87720
gttctagaaa	tggttgagat	tctgcccac	agacatacct	gtgggaggtg	gtttagacat	87780
gctgctacat	ggtgagagag	agctggatag	aggggttcat	ctgactggcc	ggggctcctg	87840
cagaggatgt	gagattctct	ccttaacaag	ggcaggagct	ccctcggtgg	cctagtctctg	87900
caatagttgg	gggcgatgat	ccttggaattt	tggcctagag	ttgtttcttt	aggcctcttt	87960
agaatatgga	gctagctgta	ctcttaatgc	acgcctgtct	gcttaatttg	tctatagtgt	88020
atcctgttgt	ccataattac	aaactttgac	ccataaagca	atagtcattg	caatttgtaa	88080
ttatatattc	atttcataca	tttcttaaca	ccctgggtatc	tctaactagc	ctctgtgtctc	88140
tgaacactta	acatagggta	cagtgtctgt	agctcaatat	ttattgatgg	gtaaaataagt	88200
agacaattga	gcaaaaccag	acattgcatg	taaagttaga	agaaaagaga	aagtcctgaa	88260
gttgcatctt	tgatatttaa	atcttgagtg	atttgaaaga	agccagaagc	tgacatttac	88320
aataagttcc	caacttgctc	aattcacctg	gcaggctcat	cgctgtgata	gccaaactag	88380
aacagaggtc	caggggaatat	gaattccaac	tgttattaaa	tgcaatagca	atcttaaccg	88440
taggattttt	gtttctcaag	aaacataatt	tgtcaggaga	gatttctcag	agcctttcct	88500
gttctctcta	agagagtata	tcccactctg	agatgctctc	tggtaccatg	gaactctcca	88560
tcaaagggtc	agcctcacat	tctctcctgg	gcagttccct	gattcgactg	tcatgccac	88620
ttgactgtca	gatccatgag	ggcaagagcg	cacattgcac	aatgcctagc	acacaattaa	88680
cacttggtat	atgttggtcg	aagaacaaat	gggttgact	gcattgtatt	taatcacaaa	88740
ttttgaggaa	tttcacacag	gactaaaatt	agtgttatat	ttacactaat	tattgagtca	88800
gatggctctt	tttctggctt	atgtgtgtgt	gcacatttta	actgcatgtc	ttacacatgt	88860
aaaaatatatt	tttttatata	ggctgcagcc	ttcttccatt	gttgcaggct	ctctcttcta	88920
ctgtgggact	ttccctctct	gaatgctgaa	aatagcaaaa	aaagtgtgtc	tctcattctc	88980
tttccctcca	ctctttgcag	ctaggcttat	tccttgagcc	ctctctctac	ctgatgttct	89040
cgctaaatgc	ttatactctc	tgaggtcac	cattgtttga	gttattcctg	acagactctc	89100
accattataa	gtattaaagg	ggaggaagaa	ggggctgagg	agactgaagg	gaaaagggga	89160
gaaaccctc	atctcagaaa	acccctccag	aaagatcatc	tctttaggaa	acaaggcaaa	89220
actgcggttg	gtatttctcc	actgtggcca	aataatttga	ctcaaagtct	gatgtagccc	89280
atgtttaatt	ctgctctgtt	tattgatgta	tgtttcatga	atgggaatag	agtttgctgt	89340
tttactccaa	tataatttat	agtacatttc	ttctgatata	ttataggcat	atatgactgt	89400
catattattt	gtgcatataa	ataatgtatt	tcctcttctt	tttttctttt	tttttttttt	89460
ttccagagac	agggtctcac	tttgtcacc	agctggagt	gcagtgggtg	gatcatagct	89520
cactgcagcc	ttgacctcct	gggctcaagc	aatcctccag	cctcagcctc	ctgacagctg	89580
ggactataga	cgtgcatgac	catgcctggc	tactttttta	attttttcta	cagaaggggt	89640
ctcactatgt	tgcccaggtc	tgtctggaac	tcctgactgc	aagcaatact	cctgccttga	89700
actccccaag	tgtgttggtc	cacgcctgga	attacagggt	caagctacca	cacctggccc	89760
tcttctcttt	caattactcc	ttcgatgctt	ataactggca	ccaatgtcca	agatctttac	89820
tgactccagg	agcccctatg	agcacacaga	tcattagact	ctcagtttta	ctccccaagt	89880
agttgggatg	ccctagtctt	gaaatgctct	tccttgcaac	cggagttagg	gaccctggta	89940
tcttctcatg	tccttctctc	tcacccatct	tcttgaatac	gactcccca	cacatggaca	90000
cacaagcatg	tgcatataca	cacacacaca	ctcttcaccc	atccataagg	tccatgctcc	90060
ccagggatgc	gggaatctag	aggggtgctgt	cagcagcctg	tctggggcca	taaagcataa	90120
ctgccaagct	gcaggattga	agacaaaatt	ccgatgcaaa	gataggagca	cagataggga	90180
catacaaagg	cagatggcac	catagcccag	gagccctaga	tccttggaatc	cctgggtatg	90240
tgtgagcaaa	ggggaaggga	gtggtaacgg	agagggtgag	aaactcatgc	agctattttg	90300
tagtaccttc	aactcaggac	tcctcaacct	cttaaaaacc	agtttcatct	taacttgggt	90360



100437.15 "010902"

taaccaagtt	tgccttcagt	aacagtaatt	ttttatttaa	aagttttatt	atgtgggtgag	90420
aatgtttaaa	aacttactct	tagaaaatttt	gcagtataca	atacatcatt	attaattatg	90480
gtcaccatgc	tatgcaatag	atcccctaaca	cttattttctc	ctgtttacct	gaaagagtaa	90540
attttgaata	ttctcaccct	aaaaaatttg	taagtaggtg	aggtttaatta	gcatgttaat	90600
tagctttta	ttttctacaa	tgtatacata	tatcaaaaaca	tcttattgta	ccttgtaatt	90660
tatacaattc	tttttttttt	tttttttttt	ttgaggtgga	gtctcacccct	gttgagagag	90720
ctggaatgca	gtggcacgat	cttggtcac	tgcaacctct	gcctcctggg	ttcaagcgat	90780
tctcctgcct	cagcctccct	agtagctggg	attacagatg	cctaccacca	tgcccagcta	90840
tttttttttg	tatttttagta	gagacagggt	ttcgccatgt	tggccaggct	tgggtctctaa	90900
ctcctgaccc	catgatcctc	ccgcctcagc	ctcgagagat	gctgggatta	caggcgtgag	90960
ccaccacgcc	tggcctgtaa	tatatacaat	tcttatttgt	caattaaaaa	taagagaata	91020
ttaaataaga	attaaaaacta	gaaaaacatt	ttattattgg	cagtatttgg	gtcatgcaaa	91080
agaatatatg	taacatatct	cagtattgtc	acacatagac	aacacaaaata	cttgtgaggc	91140
aatgaagttc	acatgtcaat	gctgagcccc	gtatctcaag	tgcccctaac	ttttcatagt	91200
cacatgacat	tcctttttaca	gaacatacaa	actttcatgc	tagatattga	aaagaagtct	91260
aaaaatgcag	ctaccagggg	gaatcaacaa	gttggtatga	atgagcttca	ggcaaggcat	91320
aaatggtggc	agccagttat	gagaggggtg	gaaggggaaa	ggttcttcag	gcctggggga	91380
tgaggggcag	ggaaggattc	atacctccta	aggaggagga	agaaaggggg	gctagatatt	91440
aaaaaagaaa	atgcccccaag	ttttataaga	cttctcccac	acgtgcaccc	cactaactgt	91500
ctctattcag	agacatataa	aaattgtgga	cagaagtact	tcaaaatctg	tttcgtcaca	91560
ggtgagaaaag	tacacagctt	tgtagagact	atttccaaga	tggtaatatt	tatatcgga	91620
atatttataa	tttatggagt	gcatattgag	tgtcttatgc	taaactctgg	ggctataact	91680
cagaaaaatg	agatttagag	ctcaggcatg	ctacagccca	gaaggcagac	agacaagaac	91740
ttagaaaatt	ccaaaacagt	ctcaaagggt	gattctctta	ctccagtttg	atacacactt	91800
ccactgcate	ctagagcctc	ttcagaatta	agataaaaca	tttcttggtg	cagtaatttt	91860
ttttttttga	ggtggagtct	tgctctgtcg	cccaagctgg	agtgcagtg	tgtgatctca	91920
gttactgtg	acctccgcct	cccagggtcg	agtgttctcc	tgccctcagcc	tactgagtag	91980
ctgggataac	aggcatgcac	caccatgtca	ggctaataatt	tttgtatttt	tagtcgagac	92040
agggtttcac	catggtggcc	aggctggtct	caaactcctg	acctcaagtg	atctgcccac	92100
ctcagcctcc	caaagtgtctg	gaattacagg	cgtgagccac	cacacctggc	caagtgtagt	92160
gattttattc	atgcctgtct	tcgtgtagt	tttgttagct	ccaagagaca	ggacttgtgt	92220
ccatcttggtg	gactgacata	cactggcacc	ttactctggc	tggcgcttaa	taaataatca	92280
ttatataagt	gagtgggtaa	atgaatgaat	gctagaaaag	aggcaagcat	ggcgtgctga	92340
gtggccagta	accatcctgg	gggtcagaga	ggctttgggg	agaagtgat	atttaagccg	92400
aaacctgaag	gagaaatggt	atttagccag	gtaaagaaaag	agcaacgctt	caaaagccca	92460
gaggcaagag	ctcttgagag	agcctgaggg	tactggaaac	gaaactgcat	ggctgaagct	92520
tacagatgct	gctctgtgca	tgggctgttg	tgcaaaagtag	aaacttctca	tctcgagggtg	92580
aataaattgc	agaagggcgt	ccccctctca	ggccaaccaa	tgagaaaaaa	gagacttctc	92640
ctgggatgat	tgagtctctc	cgctgtgcac	caggaggctg	aggctagcct	ctatatgagc	92700
ctttgtcggg	gagccctcct	gtaggatgcc	acctgcacag	gcatgcccag	aagccttggg	92760
aggagggagg	agggtgccga	gagctgagtt	agatcttggt	aagcaggagc	tgactcaaaa	92820
acagctttta	tggcactcta	aggagtgtga	actttgctct	atgggcagcg	atgcactttt	92880
gaagaacttt	aacctaacag	tgactctctt	acagaagttc	gttcaacaga	catttattgt	92940
gctcctgctt	atgcaagagg	cacaccagta	catgcggttc	tgggggtaca	catggtgagg	93000
aaaagagaca	cggtacctgc	cctggtggaa	tttacgcttt	actagtgaaa	gaacgcatac	93060
tggggggacaa	gtaagagaca	gaacaccgtg	agagcagctt	gaactagagg	gagaatctgt	93120
taaacaatcc	tgcaagggtca	acgtggtatt	ctgttttcca	gataaggaaa	ctgaaggtag	93180
ggagggtttaa	gtaacttatc	caagaccacg	caagtgcact	tcaaattgcac	ttggtgtgat	93240
ttcaaattccc	atatccttgt	actacagaga	taagaacaaa	atgatgaata	atatgttctt	93300
aaaaaaaaacc	tgaaacatga	atatagaaaa	gatgtatcat	tacatttaca	cacactcaca	93360
cacacacact	cacacccaca	catccccctt	atcttctctt	ccactcacc	atgcacatat	93420
accctagtga	aataaaaacc	gaccacctt	acttttcagg	aaacacagtc	tggaaaatat	93480
ttgtcaggac	atggccaatg	gcttagctgt	aatccctata	tgggcctatt	caaactagtt	93540
aattctttcc	tggggaaaac	cattctgtaa	ttgcagacct	tgtctcttaa	cttagcagag	93600
cctctgacag	gtggatgcca	tttacagggt	cccagagctg	tgaaaagcca	gtctgactgt	93660
ctgtttttaga	actcttaagt	tcaggtaagc	aattttgtaa	attaatgtca	gttatctctc	93720
ttttttttga	agctgggttg	ggtagaaact	ccatgttcca	aaattttgtc	accctgacca	93780
ataaaatgcc	ccctgctttc	aaacacaaatc	agacctgctt	taggggagga	tcgtctgtgc	93840
tttgtttgag	ccttgattaa	aatggagatc	agaaagactc	acagatgtct	cttctccaaa	93900
ctcaataaac	cccaggtcct	cttacttttc	atcttacatt	ttctctcttt	ataaaaagtat	93960
tcatttctct	tctttgaatt	atcttctttc	aaataatttc	cttcgtaga	aaaaatgtag	94020



10043715.010902

gtatatgcat tttgggaaac aagagctacc aatggtaatt acaattgatt tttattattc 94080  
 atgagattcc tattattatt attctcattg cagttatgtt ctacaggatc actacgaaca 94140  
 ctgaatgagt gaatactgaa ctacattgct cctaggagaa aaataggggt aggttcctgc 94200  
 aaacctctgg tcaactggcc aatacataac cttgttttat gtgtatttct gttgaaaaac 94260  
 accttatgta acatatatta ttgattcatt aacattgaac tcacatccag cggccatata 94320  
 actcatgcct gaatgaagct tatctaacgc atgtattttc tctgtaaggc acatcacagc 94380  
 cttctggcat ttagggacac caggcagcgc tgtgctcagg ggccattttg aacagtgaac 94440  
 ccaccaacaa aaagcataaa aatgtgaaga acgtggtaca aaattgatgg caaaaaggac 94500  
 acctgtttac aggataaggg ctgaaacgag aaggcctagt gtcaccttgt ttgacctcag 94560  
 gtaggaacgt gtgggttggg aactcgaatt tttcaccact ctgcatgtcc atgaatctct 94620  
 ctgaaagccc catgaatatt gattttgagg ttacaaataa acttaagcaa gcagggtgaat 94680  
 tggcaaatac ggaacttctg aataatgaga attgactgta tttgttcttc tctattaagt 94740  
 aacggggtct gttgcagatg gaagaaagaa agggtgaaag atttttggag actcaggaga 94800  
 cttttttgaa aatgatttgc ccaaggcaca gaacccaaac agtagttcat tggcctaagg 94860  
 tggagaaata taattccttg catctccagc aatctgtctg cagttctctc cctgtgaaaa 94920  
 atgacttgcc ataataatac agcctgttta ctatgtaagt gtaattatat ttaataaaaa 94980  
 aatagattta taaccaaaca ataagccgtg agattaacag ccagaactg gctgtgaact 95040  
 ttcagccatc taacctggc actcctgctt ctccgcagca cttactttct gccaggagt 95100  
 ggtgattgaa caccactgac caggaagggc tctgggagc cacatttttt gcttggcatt 95160  
 ttttaattgta aaaaccagt tccaccaaac actgcaattc aacgaatcaa agtcaaactc 95220  
 catgcttaac aggaaaagat aaaagcatca acttaaggaa atgaacaaa tttgaaaagc 95280  
 aatggaaaag gaaactcata tggagtgaac tccattcaag acacgtttta ttgtttttcc 95340  
 catatgcatt tgctgccag ctttgactat taacatttat tttttcttc tactaaaact 95400  
 aaatagtaat ttgacttcta gattcttcca ggtcgtgct ctgaacagaa gcaaaatgga 95460  
 aatatttcag tagcttttta gacaactatt tcaaaagcaa acacatggtt gtctgcagag 95520  
 ttgtaggtta aagctataaa tttattttat taacagaga ggaattggtg aaactgaaag 95580  
 acactatac cctgacattt tcatgaaata atattcttgt ctgatttttt ttttagtttt 95640  
 tactcagata tcaactcaagt tacacataaa tggtaatttt tctttataat aagcttccat 95700  
 ctcttgata aatttaattg gttcagtgat gactgtggat aaagtcacct aacggtgatt 95760  
 ttctaaggga ggtaaacttt attgtcataa tttcctgggt attacctagt aaaacaagtt 95820  
 tttaaaaaac caaaaaacaa tagacttaaa accataaaga cttttttagc attcagatta 95880  
 aataaaagaa agggtaaaat gttgacattt tcctaagaga taccagtctc tcacattttt 95940  
 atataatctc ttaatatgaa gcatataatg tgtatattat aattatata tttatatttt 96000  
 attatataaa attataatatt aatataataa agtgtttata tttataatat aatataataa 96060  
 agtgtatatt atattatatt tataatataa tataataaag tatatgttat aattttatat 96120  
 aataaaatat aaaacatata attataatat acactttata tggtaacacg atcatagtct 96180  
 ctaccaatac atatatctga ttagatcacc atatgggaag tctgttcata tttttagtta 96240  
 ttgggttttt ttttcaccaa gcaataaaat gtccagtatc aaataaataa gggcatatg 96300  
 attcccagat gacatgacca ggttactcat aaaattcaga gaagctgagt cagatcattt 96360  
 caagaggaca aatgcagcgc tcccccaaat tcagtaactt gtggaatgta gcaatcttgt 96420  
 attttctctg agccaagcag cctgatgctg tcaaaactcat ctttcatttc ctctgcctta 96480  
 ccgcagtgtt agtgggttctg ttattagaag gaaaaaaatg cataaatgtc ttagttaaga 96540  
 tgaaattgca tctattaaaa taaagttgat cctaaatgat tctttcactc aaagtattaa 96600  
 tagactaaag gaaaatgttg caaactatga attagtggta tagtttatga acgtagctg 96660  
 ttgtgattca tgcatatacc ttttggttac cttataatga aaggttgttg ggtacagcct 96720  
 tcacatcaat gagaaaatca acaaaatgtt cttgaaaaga cgactggcaa actttctttt 96780  
 atttttctgt tctcattagt agaaagaggg acaggtcact ttcagaagga ttaaaagggtc 96840  
 aaaaaatttg gtgaagggtg gtctacacaa gccttttagaa agctgttatc agaggatcag 96900  
 ctagaaaaca atcttagagc taatcctttg gctggatcca aagaaaaacc agcagattta 96960  
 agttttctct tttttctctt tgttttctt tacaggggta tttcccacaa aagcctttca 97020  
 gttgccttca tccaaagtta taggtcctga gtccttttca gctcttttat tctgtctcca 97080  
 agcctagccc ttcctagctc tgtcctccta ccttttctg atcttttcca tttgcttgt 97140  
 tttcatcagg ggttccccct aaatccctct tagcatcccc taaagcctaa atgttcatgg 97200  
 atggagaact tcttctgagg gaaaaacaag actgattcac agaattctag cattaagag 97260  
 gactgtagaa attatctagt ctaccogcct tcttctcca ccattttaca ggtaaacaga 97320  
 attcacgaaa ttgcccagg tcatgtccag gttagcgactg caccaggacc aaagctctgt 97380  
 caataataac tgcaaatgg ttgcaaagtc ctttgacaa ttcaagctgc tctacctacc 97440  
 taaggcacta tgattattat tattataata cagatgttat tatacagagc cgaccgcatg 97500  
 ggcaagattg ctgctgatga tgtgtgtgat gccaaactcac caagaccag tggcatcacg 97560  
 ctggcatgtt gaaaataaaa aggggtgaca tctgctttac atacagagcc tcatgacctg 97620  
 tactcatagc tggaggcatc agtcattgca ctacgagagg aagtgggctt tgaaataact 97680

tggggttgat gtcccaagaa cacccttctt ccgctcctcc tccctgtact ccttgaactg 97740  
 ctgctcatgg gagcctgagt aatacagaaa ttggaggaca accacacagc acaagtgtag 97800  
 gtttgacagg agtttacata atgctgtagg aaaagaaacc aaataaaggc ttcagctttg 97860  
 ctgaggctct ccccatcccc ctcacatgcc aaatgctcct tgtgtggctc acactccttg 97920  
 gtcttcagtc agagaggcca ggagcccacc tatacatctg tatcagggtt aggaagttgg 97980  
 ctcttgttaa caatgttgaa tgcactttgc tattcactac ttttgtgggt agaaaagcct 98040  
 cctgatatca aacttttagaa tcaagcacca ccttgtggte tgatgcattt attaaactgg 98100  
 cacaatttga gagctgaaac tggaaatgct ccctcagctg gtagtagaga gccaggatct 98160  
 gaaaactgac tcccagggtg ctgcctggaa gcaagaaccc ccaaggtgtc tttctgtctg 98220  
 ttctctgggt tctcagacca gttaacaatg acatcccctt tcatgggggt aatcccctgt 98280  
 tcctgacact aacacattat gctagatatg tatagtaagt agccaactta atcctttcaa 98340  
 aaccacaggg aagtgtttct tattacttca acttttaagt gaggaacgg agggcggagg 98400  
 cacttagtgg tccagtcaca gacaaatggc tgggcttgga ttgacttgg agtcaagtct 98460  
 ttctgaagca aaagtctctg ctgtttaaaca ctgctctgct gacctctaag gccaaagacca 98520  
 agaccagggt ccacttcagg ctcttttggg gcattttggc tcttggctgc aaaccaaac 98580  
 agaactgcca gaatcctacc tggaaactcac tcaaggtgct agaattaacc tgttctccaa 98640  
 gggtacattg atcaggaagg tttgcattca gagatgggga cttcattgggt gtccatggac 98700  
 ctactgagat agccagagtt taggagaaaag tttggctttt gaggatgggc cagacagcaa 98760  
 gtgaccagac tctagatcat tcatgaagaa acaaaaccag aaagagatat ttgacaaaaca 98820  
 ttcacttggg caattacagt gcttcctgaa ctgaaattca gttattcttt aaaaggatga 98880  
 ttttatcata ttcatgtttt gaaggggagg attggagtat ctgcttggca agtgagtagt 98940  
 agtaatgtgg gccaagtcac gttagaaggg agatctcgcc cctgggtctt ttccagtgat 99000  
 accataagtg ttcttgggta agtcacttct ttgtctctgg gtctccattt tctcattcgt 99060  
 agaatagggg ttggacttca ctaagaggta gatggttcta aagtacagcg caattgtatg 99120  
 gaaaatgtga ggcaggaacc tcagctttct ccgtttcctt agaaagtctg tctgtctcag 99180  
 gcttccttcc tattctccac tgaatctgct gctaattttg gtaacatggt gacttccaca 99240  
 tagcaatgtt tactaacatg tctaaggaca atgattatcg ggaatatatg cttctctgtt 99300  
 tttccaaaagt agataaatcc atatagttca taactccctg actctccata caccaaaaag 99360  
 aaatacaaaa agtaccatga aaagaggaaag cactgccatg aacggtctcc ccttgaatgg 99420  
 ctagtatgta atgccaagac agtgccgtgt catttcaaag cctctcccat tctagtctct 99480  
 tcctgtgtct tcaactccga tttcttactt gagatcgcta ttgggtgagc cattctttta 99540  
 acagataatc tgtactacag tagactctaa aacagagctg tccaacagaa ctttccgcaa 99600  
 ttagataaac tttactgtg ctctgcagtg gccatagggt actattgagc atttgaaatg 99660  
 tggccagtaa gactggacca agtgtttact tttatttaat tttcattaat ttaaattdaa 99720  
 atagccacaa gtgactgggt tctaccatat tggacagtgc agctctgcaa tattgccatc 99780  
 acataggcct ttgttgca ga cattctgatt tctctgagac acaaagcgta catcataaca 99840  
 gggctatcct gaatactggc tttacaagca gactttcaaa agattgtttc tccatgtttt 99900  
 tcttgatata aagatttcat aacaataatg gtatgtcagt ctttttaaac tgtattctgt 99960  
 ttgagataac tgaattgttt cttgacttat ttcaactgaa tagttgaaaa ggaatcccta 100020  
 tttgattcca tgggaataaa actgattcct tgggtgcgaa taaaaagaaa agtattatct 100080  
 cactttgtag gtttttccat tcaataatag aataaatttg aatgtacatt ttctaattggc 100140  
 ttccagtga ttagtaattt tgatgccaaa caattttttt ttttttagaa ggcattctgt 100200  
 tctgtcaccc aggttgaggt gcaacctcca tctctcagggt tccagtgatt ctctgcctc 100260  
 agccttccca gtagctggga ctacaggcgt gtgccaccac actaggctat tttttttgta 100320  
 ttttttagtag agatgggggt ttgccacgtt tggcgggtg gcagggatta cctgaccta 100380  
 ggtgatccac ctaccttggc ttcccaaagt gcagggatta caggcgtgag ccaccgtgcc 100440  
 tggccctgat gccaaacaat taataataaa agtagatttt cactttaaaa agggagcttt 100500  
 atatataaat tcatttttcc taaaatattt gatatggaag atgaaattag gaaaaaaact 100560  
 ggtaaaattc taagtgtttt attataaatc tcttatcctg agtaagctca agtgacagtc 100620  
 caagtatgtt tctaattaat taggccaata tttctttttt tttttttgtt aggaaacttt 100680  
 tacttcttaa cttctatcaa gtatatctt tttttttaat tattattatt ctttaggttc 100740  
 tagggtagat gtgcacaacg tgcaggtttg ttacatatgt cctaattgcta catgttgggt 100800  
 tgctgcaccc attaaactcat catttacatt aggtatttct ccacccgtgt tcccttcccc 100860  
 ctccccccac cccacatcag gtaccgggtg gtgatgttcc ccacccgtgt tccaagtgtt 100920  
 ctcatgttgc aattccctcc tataagttag aacatgcggt ggtgtttggg tttctgtcct 100980  
 tgctatagtt tgctcagaat gatggtttcc agcttcatcc atgtccctac aaaggacatg 101040  
 aactcatcct ttttatggct gcatagtatt ccatgggtga tatgtgccat attttcttaa 101100  
 tccagactat cattgatgga cattgggggt gggtccaagt ctttgctatt gtgaataatg 101160  
 taattaggcc agtatttctt aactggaaca aagattgagt aacattatcc acgcttatct 101220  
 caaaataaaa cttttaacc tcaaagaata taaagaggtt ttcaggtcgg agatagtcct 101280  
 gagaaagtga tacctaggct ggaagagaag accaaaaagt cttacaaaat tgtaaaactta 101340

10043715 "010902"

caattttttt ataatgtgg taaattttga taaatgcttg catgagaaaa catattgctg 101400  
tgttttagaa tttgtgagg acatcagtaa gcaagagatt ctgactttgc tctggaatga 101460  
gagagtggaa ctcctagtgt ctttctcat aatctgctga acgactgagg ttttcatcct 101520  
aggaccatat gatgacctgc tactccgggg ctgcctgtgc tttataatga tgctatacag 101580  
acactgttgt cctatgggat ccgagctcca gttgaagaat gtttcatata cttctattct 101640  
tggtgcagag aattgtctct actatagaaa gtgacttaac actcccaaac tgcactgctt 101700  
gagaatgggc atttctcatg tactcaaagg ttaatacatg gaaatcaatc tcaggcctta 101760  
aaaaaggaaa acccagcggg cgcggtggct cacgcctgta atcccaccac tttgggaggc 101820  
cgaggtggga ggatcacttg aggtcaggag ttcaagacca acctggccaa tatggtgaaa 101880  
ccctgtctct actaaaaaca caaaaaatat ttgtcaggcc tgtggcaggc atctgtcatc 101940  
ccagctactc gggaggctga ggcaagagaa tcacttgaac cggggaggca gaagttgcag 102000  
tgagttgaga tggcgccact gcactccagc ctgggtgaca gggcaagact ctatctcaaa 102060  
aaaaaaaaaa aaaaaaggga aacccaaaat gcagcagaaa accaatttaa gtccgtgctt 102120  
ctatttcttt gtgatttggg tttcgtggga gtttgggctt gaggggatgt aggcgttctt 102180  
ctggggtgtg atagcacatt tgtgccatga taaggccagt ccctgtccca gtggagtcac 102240  
ttctcaagtc ctgcgtcatg gggaaagtga aggtctcccc tgccactct actccctc 102300  
aagtggctgc agaagagggg gatattaggc accataggac aggaagagcc acagactcag 102360  
tgacctctat gcaatgagga ggttgggtcag agcgcatttg tcagagaacc agctgtgaaa 102420  
tgtatggagg cggaggggaa gcactttcca aggttaacca atccaacct tagactgcca 102480  
gctgtcctcg cttagaacca cggctgatgc agctgtggtt gaagcatgga catctagtta 102540  
tcgtaggaag agagatggag aattcttccc ttgcagtcaa tttgtaagct gatgcaagaa 102600  
aaccaccatt gtagccacaa aatcaaaatc aaagaggaaa gtgaaagaat aggaccagg 102660  
caggctgtgc aaccaagcat ttcttttagc tctcttgac caaaggcatc ccaatttccc 102720  
agtgaagatg aattagaat tacatgagaa ccatacggta gattatttct ggattgggtg 102780  
ataaatatat acagcactga cgccaattgt ttgaaaaact gcatgtgtta tatcagttgg 102840  
gtgagtttag ctcttctcaa tggatctttt agttattgga ataaaattcc aacttatagc 102900  
aacttctca gtataaatta ggcagacttt cagcaagtcc tgtgaatacc cagttcctgg 102960  
cacacagtgg gcctcattac aagttgactg aagaacctca gttctgggtt ctgtgacaa 103020  
tctgggcccga gagggtgcac agggcaaatg agataagcag cattgcttgg agaattgtgc 103080  
ctcaatcatt cgtgttctct tctggctgtg atgtatatta cactctccat agtaattgtc 103140  
tgtctccata aaccatttta aaaatacaca tgttaacata ataggattgc taattatact 103200  
tggatgttct tgttcttttt tctgactcta taataagcc tcaaaatgct agctagggtca 103260  
tggccaccta aaagaaatta cattttcttg accgccttcc agcagatacg gccagtgac 103320  
tacactttgg tcaatggata taaacaaaag aaatgtgtaa ggctccagga tctatctttt 103380  
aggggtaggg gtaggcctt ctctgcctc ttttctcatc cctacctgca ataatctaaa 103440  
tatgatggct taagctagaa gaaccatttt ggaccataaa gtaaaaatcc tctgttgaaa 103500  
atagagggaa caggcctggg gcagtgactc gcacctctaa tcccagcact ttgggaggct 103560  
gaggcaggag aattgcttga gcccaggagt ttgagatcag cttgggcaac ataggagac 103620  
ctggtctcta caaaaaatagc tgggcatggt ggtgtgtgcc tgtgtgtcca 103680  
gctattcagg aggctaaggc aggagaatca cttgagccca gaaggcagag gttgtagtga 103740  
tctgagattg caacatggca cttcagcctg ggtgtctcaa aaacagaaaa caaaaaacaa 103800  
aaacagaaaa gaaaaagaa agaaaataga atagcatgat aaaaggagt taggttgagt 103860  
gagagagagg atttgggtga acagagggtta taaagtaaaa taaaagcaaa ggtattatgg 103920  
ataaaatcca tgttcagaca tcatcattct gattgcttat aggcagaatt ggtagaattc 103980  
aggtaggcca gatgccatga aattttgtat tgacaaagag accagcagtc tagactgcaa 104040  
aagcctttga ccattcaata cctaagggtga ccacctttcc cagacagcca gcagggaaggc 104100  
tgtgaaagct gtgaaggctt taagaaaggc gcgcacttgg gattattatg agctgggaaa 104160  
catttcctaa agggagagaa aaccacagg cggcagtga tgaagaagtt ttgcccagtg 104220  
agcaggtgag agtccagctg actctcatga ttttgtttc tctttctgcc cagtgggac 104280  
tgataatatt tagagataag gaactattat gtgatttca gtttttaatt tttctgagt 104340  
ggagaaatgt ttgtttatat aaagttgtc ctgttcttat tggacttga ggtgtgtgt 104400  
attaggtaac ttacatttct attttgtagg gccctgaaa atgagtagtt acactcagac 104460  
ctgataaaga gcatggaata gtacctgaaa atcctggact tagaaccaga tgcatgaatt 104520  
tgggtggaact ctgggattct ttatctggga gtacaggggt tgagtacatt tcaaacatgg 104580  
aaataagggt acactgagat acatgggtgg ccaaagggga gacatagctg tctttcaata 104640  
tctattatcc cttaggttct gtgaacctga aagaaccaag gactataaag agcagtggtg 104700  
tacaactccc aggaattgtc tttaatggga gatcatgtgg ctttatcttg tctctttttt 104760  
gcatcctgct gcctggaaca cagatgtgat ggtgtgtgtt gatcctgctg tgtgtgagg 104820  
gagatggaac atcaaggtag aaagcactgg accttctaag catggtggag ccattatgcc 104880  
agccctggat catttacatt cagatgagt tgcaaatttt tattccctta aagccactta 104940  
gattttgaat tttcagtcac tctcagctga acccaatcct tactgtctt ggaagacatt 105000

10043715.010902

10043715-010902

tacactgtgg	gaaccttagg	atgcactttt	ttttcttttc	tttcttttctt	tctttttttt	105060
ttttttattg	agatggagtc	tcactctgtc	actcaggctg	gagtacagtg	gtgtgatctt	105120
ggctcaccgc	aacctctgcc	tcctgggttc	aagcgattct	cctgcctcag	cctcctgagt	105180
agctgttatt	acaggtgtgc	acccacacc	cggctaattt	ttgtattttt	agtagagacc	105240
gggttttggt	ttctccatgt	tggccaggct	ggctctgaac	tcctgacctc	aggtgatctg	105300
cccgctcag	cctcccaaag	tgctgggaag	gacacacttt	tataagcagg	catctttgga	105360
gatcttggtg	ggagagatgg	ctcaaggaga	ggaaaagagg	gaggtattag	tacaactggg	105420
tttttatagg	cccagcacta	gcttcataaa	agttattttg	aaaaaaagta	cgggtctgtg	105480
tttttgctcg	atgaggtggc	ccattgctct	atggtaagtg	gaatacataa	ttgctcacct	105540
ttgcttttgg	aaattaaatg	tatttagaat	tgaaccagc	ttatggtttt	cttctcttac	105600
tcagtgtcat	agaagatgat	cctatgagta	acactttttt	tggagactca	atcattgttt	105660
ccagtctctt	gcattctcta	gtaggtgggt	tatcttcagt	aacttttgca	aattgcatca	105720
acatacttgc	ctcctacaaa	tttaaactca	ataaoccaa	gagaacaagg	gtgtgatggg	105780
gggaatttct	tttgaaagag	tcaagcccat	gctgtgcagg	ctgcacccat	ctttactgca	105840
ttcccataaa	aggcttgggg	gaagggaagt	aaaccataac	cccgttaggt	aataggctat	105900
gcattaatgc	aatttatctg	gaatgaggaa	ggaagagatt	cagctttgaa	agaatttcct	105960
caacagcata	ttcctctttg	ctgcaaagct	gtttcacttc	aggtgagacc	caggaagcag	106020
cctgggaatt	ccttgaccat	cgataccaaa	ggctttctgg	aggtgtgcag	tctctaagga	106080
tttgaggtg	tcgccaaca	gtcagtgtga	ttttacaacc	agttctctct	aggctaattt	106140
ctaaccgagg	gaatgagaat	ggtcatgctg	aaaagtggta	gagagatttg	actcgcctga	106200
ttgcaaggac	caggtctacc	acccagtaat	tggtgggact	agaagggtgg	ggagtgahta	106260
gtgacctctg	aagagtgtga	cctctcaagc	caactgcttg	agctccaatt	ctgcctctgc	106320
tactttgtga	ctgtgtagcc	ctgggaaagt	tattttacct	ctctgtgcct	cagtcatttc	106380
ctctataaaa	taggtctcta	tatggaccta	ccttataagg	ttgctgtgag	tggcacatgc	106440
aaatgtgttt	ataaagtata	tcccatggta	tgtggcgtaa	tttatttttt	gaggggagat	106500
agtgaaggtc	tagttacaca	ctgggatgag	gtagatcctt	gtttggatct	cagccttgct	106560
gctccctggg	taggtggcct	tggatcgctg	ctcaccttgc	caggtccctc	tggctcctcc	106620
ttggctgaac	atgctttgac	tacactgacc	tttctgtttc	tccagccctc	ctcatggcct	106680
gtatataata	tttcttccag	ttggaatgct	ctctattaac	cattatgatt	ctcatgaagg	106740
ctgtttctgt	tctccaggct	gggttcagggt	ctctgtgata	tactcaagg	agttttgtac	106800
ctaccctcct	gagcacttag	aattatgcta	gagtattcat	ttgtataatt	acagttgact	106860
cttaggcagc	tccagggatg	ggggcaccaa	ctctccttgc	agtcaaaaat	ccacagataa	106920
cttttgattc	cccaaaaact	taactagtaa	taaccgcgtg	ttgaccagaa	accttagtga	106980
taacataaac	agccaattaa	caccattttt	gtatgttata	tgtattatat	actgtattct	107040
tatgataaag	taagttaaga	aaagaaaatg	ttatttataa	aatcataaag	aagagaaaat	107100
atatttgcta	ttcagtaagt	ggaagtggat	catcttaagg	ggcttcatcc	gtgatgtcct	107160
cacattgagt	aaagaggagg	aggaggagga	aggaggagg	aggaggagg	gaggaggagg	107220
aggaggggct	ggtcttgatg	tctcaggggc	ggcagagggt	gaagagggtg	aggaggtggg	107280
agggagggc	gagaggcagg	cacactgggg	gtaactatta	ttaatgaaaa	tccttgtgca	107340
agtggatctg	cacagttcaa	cccatgttat	tcaagggtca	actgtattcc	tatctgtact	107400
caggactgtg	agttccaagc	atgggttaaca	agtcctgtgt	ctttcaaccc	aatgtctata	107460
ctgggtgcctg	gctcagaggg	gacaaaacaa	atacatgaat	gctgaattaa	tacatacata	107520
cataaaatga	atgtgagaag	aatttccttt	tctgatgggt	ttataaacta	tgagctactt	107580
gaaggcagat	tacatttcat	ctatagttat	atcccaaaaa	gcctatagtt	agcaagaaat	107640
taatgtattt	gtcatgtgga	tgagtaaact	gtaccatagt	gattcgaatt	taattcacta	107700
acataataca	ttctgatttg	aaaataaata	aaattacttt	agaaaagctt	atggttgata	107760
taacctaat	tatacaaata	ttcttttttt	atgtgtcaat	tgagaaagta	tttagttact	107820
cgtgatggaa	actttctctt	tttttatatt	agagatgita	tctcactgca	gactataagt	107880
taagacttgt	agcacagcca	ttctgataga	tttgtttctc	agaattcatt	tatcctctaa	107940
aaagtattga	ggatcccagg	aagctttcat	ttgtgtgggt	tacatttact	atatcaaaga	108000
atatattttac	tatatcaaag	aaatatttta	aaaacattta	aatattttat	ttgtttaaag	108060
caataataaaa	ctcaatacaa	attaaataaa	ttactaatt	ttaataaaaat	taattatatt	108120
ttcctatgga	tcttttgccc	atgcatgatt	ttgccaggta	atgcatcaat	catttggaag	108180
atattaattc	attgagtga	tatttgacct	ttcaaagtgt	ggctatacaa	tattttgaaa	108240
aatcacattt	gttactatca	ctgatctcat	tagaaaagtc	tttgaggcat	tgggaagctg	108300
tctggttttac	acaagcagggt	acaagttttac	caaaattcaa	agttttgctt	gaaggttcaa	108360
atgtttattt	cagcaacgaa	taatgtttgt	tattttcctt	gaagtgcag	gctctctatt	108420
tagtctcaag	aaaaagtttg	tcaaatagcc	aaggctgaat	aacaatagtt	tgagctcagt	108480
tgtcttttag	ggaaaaaatg	cttccatgca	aaaataggct	atttcagcct	acaactcata	108540
gcaagtgtgt	aagtattaga	gtatactgta	agtgttctat	gctcacaatt	actacaaatg	108600
tcaacatggg	aaagaaggca	aataacgtct	taatattatt	taaaaaatag	ttttgatctt	108660

10043715.010502

atgctcctgc	aaaaggatct	tagagaagcc	caggggtcca	cagaccacac	tttgagagcc	108720
gctgctctag	ggtattctaa	cattaaatta	caagactcat	tgacccaca	cagatgaaat	108780
ttacaacaat	atggctttta	attaatcaac	ttttcctgca	acttctacc	tatcaggaac	108840
aaataagcca	agagcaaaat	gttacaaaag	attgtgataa	ctgagtttaa	gatcaatgta	108900
cgagaactgt	cttatcaata	tcaccataa	ttattagtgt	aaagaagtca	caaaatgtct	108960
tttaaaaaat	tctaccctga	aaatatttca	gaatgtaaga	agtggcaata	attataataa	109020
gtggctacaa	actccacttt	gaatgcattt	tcagcagctt	ttttcctaaa	catttatcac	109080
gtattatttt	attttaacat	gtctctgtga	tatgggtaca	taggacttga	tatcatctct	109140
gttttagaga	tgaggaaact	gagaaaaaaa	tgactagatt	caccacccat	tgctaggaa	109200
actggcggtg	gaactgggta	gctctcctga	tgaatatctt	aatgcctttt	ctttttccac	109260
ctgtgggaatc	acttggccag	ccagactcag	caaacacggt	tcatgtcaat	aaaaagagaa	109320
tattccaatg	agcccagtg	ctttggaaat	ccctaaagt	gagtgttcca	agtaactgaa	109380
aacctggggg	gaaagagtga	cctctgtgag	ctttccagc	ttccacttct	gctgatgggt	109440
ggaagtcat	aggaaggaag	acattctctt	agcctgggct	atgtcccttg	ctaaatttag	109500
gattccagat	tatagaaaca	ccctcagatg	accaagccct	ccacccctga	tgttctggga	109560
gctctcattc	tgaaagaaca	aatgcatttt	tccttcccct	ttggaaccag	atagtaaact	109620
tgccaagga	gcctgccagc	cactggcctg	gtgtgagtga	gtgggggtgat	tatttggaga	109680
tttaggcaga	aagtgttgaa	gggaaagagg	ctgtgggtgg	ggagggacaa	tcagctaaag	109740
agatgggaag	tatcatcctc	ttgtcttggt	aaagcagaaa	actgttttaa	atgtcatgcc	109800
catatttact	agctgtttat	aggtaacaga	atctcctctg	tgtgtcgtca	gtgagtaatt	109860
gccataacaa	tggtgtat	acatgaccca	tattttaccc	cacaaaggca	gagaagatcc	109920
ttaaagaaat	tgcatatacc	tctatggtgt	gtagagaaga	acagctgctt	tcctccctct	109980
tcctactcat	atggctcttg	aaaatgctct	cagcctcttc	ctttaataat	ttccatcatg	110040
tcctcctctg	cccttttagat	tgtagcacac	gatttaaatg	gaaggtgcag	ggaagtgttt	110100
ctgagtgggt	tgctgtactc	aagccacctg	gtgggcaagg	ggcagcatct	gagaggcttc	110160
cttccacagc	ccgctcttta	gggcccaaga	gataacaaga	ccacatgcag	ctcagatgca	110220
atcacttctt	aacatagctc	agaggcaatc	acttcttaac	atttgagaaa	acttgcctgg	110280
gtgaaaaacc	attttccag	acagcaattt	gcctaggagt	tgcaatgaca	ttgtctttct	110340
gtgccaagaa	tatcaatcag	ttcaaaagtc	cctctcctga	gagccactgg	caagatcctg	110400
ggcgtgcaca	cacaagcagt	atctgttaac	ctgtgtcttg	gggttagtgt	aaatgtcaag	110460
gctgtgtatt	agaattaatt	gttctgccac	tctctgctct	tcctttctct	tttctcctt	110520
ttgtataatc	gtttgccttt	ttttttctcc	ctcgatcttg	ttgtttctag	ctttattgtt	110580
ctcagtttag	acttgtgagc	ctttgggatg	aaaagtgtat	taaactcttg	gagaggaaag	110640
aacctgtgat	cataggccag	aaggcctaag	tcccagtaac	actctcatcc	gttagtccag	110700
tcacatcact	aacctatctc	cacctcagtt	ttccatctca	aactggagat	aataatctgt	110760
atattgattg	ctttttgaga	cccttgtaag	aatcaattgt	tattatgtag	cactattgaa	110820
catatgtact	tactttcatt	acagtaccta	gaacaccagc	tagtgcatag	aaggtgccca	110880
ataaacattt	gttgaattga	tgactatatt	tggaatatatt	ttgtaaacta	tgaaatcact	110940
acacacatgt	ttttatgaca	tttttcatag	atgatgctac	tagcctgcag	tgctctaggg	111000
cttgggttgt	gtcttgtcat	gtcggctgtg	taaacaggct	ggctcctgcc	atgccacagg	111060
tggtggtgga	tctctttcca	ggccacagca	tctacttggt	ttctgtgatt	ccaattcctg	111120
tggtgatctg	accactaac	tagaagtttg	cgctaagtga	accttgggtg	gtaaatgttg	111180
gtgctggagg	gtgaatgtgg	gtaccttgaa	gccctggctt	tataaatgag	taacatgttt	111240
ctgtataaca	tggaatgata	cagatgatgg	cattgagaat	cctgctggtc	tcggaaaattt	111300
caagggagtt	ctagaccaga	tcaaacaaga	gacaatggaa	gataccagta	tttggcaaa	111360
gaaagacatt	tagaatttag	aagtattcta	aaggatgatt	tttttttttt	tttctttctt	111420
tctttttttt	tttttttttt	tttgagaca	gtctcactcc	ttcaccagg	ctggagtga	111480
gtggcgtgat	ctcagctcac	tgcaaaactc	gtctcctggg	ttcaagcgat	tctcatgcct	111540
caatctccta	agtagctggg	attacagaca	tgcgccacca	cgccgggcta	atttttgtat	111600
ttttagtaga	gatgggattt	caccatgttg	gccacgctgg	tctcaatctc	ctgacctcag	111660
gtgatccacc	tgcttttgcc	tccaaagtg	ctgggattac	aggtgtcagc	aaccacacgc	111720
agctctaagt	gatgatttct	atttacatcc	ttcttataga	ctgagacaga	tcccctaaa	111780
attcatgtgt	tgggacccta	gcctctgtat	ttggagacag	agtctgtgag	gagatgttaa	111840
aggataaata	aagtcataag	gttaggtgtc	taatccaatg	aggctgggtg	ccttataaga	111900
agaaaaggag	atactagatc	tctctttctc	cctccactct	tgtcttctgc	tccacaaagg	111960
aaatatcaat	ggatattcct	cacaagtcta	aactgagaac	agtaaagcta	gaaacaacaa	112020
gatcgaggga	aagaaaaggc	aaaagattat	acaaaaggag	gaaaagagat	aggaaaagca	112080
tagtggcaga	acaattaatt	ctaatacaca	gccttgacat	ggagcaagaa	ggaggctgtc	112140
tgcaagccat	gaagagagag	ctcttaccag	gaactgaatc	ggccaccttg	gtctgaaact	112200
tctagcttct	agcttcaga	actgtgtgaa	aataaatgtc	tgtgccttaa	gctaccacgc	112260
ctatgggtatt	tattatggca	ggccaagctg	actaatacaa	ccctcacctc	ctctgtctca	112320



tttctgggta gctatcctga aattcatgat tctgacattc tcctatatgc aaagaacatt 112380  
 gaagtctatg agcagactga atgtatatgt ctaaatatcc ttgtgaacta agcatgatgg 112440  
 aagagaggag acaagaatag ccacactcca ctgaatgaca agtcaaagat tgcaatgagc 112500  
 aactctttta cctggcttgc ctgagataat tttgatacat tacactaagc ttcaggagag 112560  
 tgaaaggggtg taggttatgt caattagctt gtggactttt tgcaaaccat gtgattaagg 112620  
 ctgggtgacat tctgcatcag gttttaacaa aacaagggtt ctaaagttag tttggataca 112680  
 ttgatttttc ttacaccacc actggttgcta gttgggtata ttaagtata ttatagcata 112740  
 cgtgcaaagg gaaatgatta tttgggacag tgaaaaaac tgtatattca atgtgatgat 112800  
 agaacaagtg tgaaggctga gtttggaat tttgggtttg atcctcaacc tctaattttt 112860  
 gcaagtttgg agccatgata ttctaattat tttagacaaa tgttgaagaa gttagacaca 112920  
 aatgagtcaa agttaatcta tcacattcat ttttaaaact tagtgtttct atgaatcatc 112980  
 tgaagagctt gtttaagagcc agtgagtttt cgggtgagcc tcagattttg tatttctaac 113040  
 aagtttcagc tcatatcaat gctgctggtc catgaactgt acttggagta gcaaggatct 113100  
 agaatactgt gtgtcagatg gaaagatgag acatttagtt tttctccatg aataaaatac 113160  
 gtgagattca actggttgc tgttttgcaa tactatggga ttctctcta aaaattgttc 113220  
 aaaatctcat gctttgaaga actacattat atggattgta aaatgactta agcaggaagt 113280  
 acttgacatg aatatgtgct taataaatat tgattgggtg atttctgaaa agtagatctt 113340  
 cagagattgta aggcaaatgt cttccagtaa tataaaatga tacatcccta cttaggggat 113400  
 ctaggatgct atgcattgag acaagacaaa gttttatggtg tcagagccag agagaaagca 113460  
 aggggtgatct gagcccagca acacagctcc attgtaata gctgctcacc tggggcaaac 113520  
 aagtgtcata ggatatgata aggaagggtc atttcatcat tttatggctg tgtacatcct 113580  
 ggagtgaagg aaaggcatta acgagtttgg taagagctgg caaagccaga gtccttattt 113640  
 gcaaggcatg gtaagcctat ggggtgtgta tcatttactt cattgtgatt tacgacagtc 113700  
 ctactgctga ttatacctct ctgacccctt cagggttggg tggagttgt ttagatccta 113760  
 cttttttctc tccagacacc agagactgcc agaaccacgc tcacctgtga gtgaaacaag 113820  
 caaattccct ggcatacagg ggaagttaaa acttctattt gaaacaactt tttgaacact 113880  
 ttggcatat gtggaaatgt acatatcac acacgcata gtatgtggat tatgtaaggg 113940  
 gttataataa agtaaaatta cctgatccct cagaagcata cttaaagaaa aatattcctg 114000  
 acccatgcac tcttatgtaa ctgactgctg gaaaaatat gatgtcatat ttgtggttaa 114120  
 gagttacaaa aaagtgttca agatgcactt ttttgtattt tgatgatttg tcctttgttt 114180  
 tggcctaagt tagattaaaa gaccatggaa ttgatactct gtcaataaat tctttatctt 114240  
 tttctgtttt agttagactt cactggttaag aatagctaaa ggttttgag gataattgcc ttgaagaagg 114300  
 tcaactgttc cactggttaag atccatttat ttcaattatt tgccaatatt attcaaaatt tcttgtcttc 114360  
 tatcttcaga atccatttat aaattttcag gattgctaag agtttgttat gctttgtggg 114420  
 ttatcactat caatgagtag agttttgaaa aaattccatg ttgcataatc tgggggaaatg 114480  
 agaaattctg tgtaagattg agcaaaactt gtaactgttt tataaaggaa aaaagatttg 114540  
 cctgttcacg cctatatctg agcaaaactt taactctcct tgtctacaat ttttaccgca 114600  
 aaatttaaaa tttggcaatt gaaaaaaaat agcattccct ttaaagggtt ctttcaaaag 114660  
 ccataaaaaat acacttttaa gaaaaaaaat agcattccct ttaaagggtt gttgggtaag 114720  
 atatcccttt aggagatggg agttaaataa caaatcaat tactctcttt gttgggtaag 114780  
 tcaaggactc cctaagccca aattttgagt gcctcttggc atctttgtat ataacaactg 114840  
 gaggttatcc acacattaat tgcctctaact actattcaaa tgcataatca aatccaacaa 114900  
 gtcattttctg cttaactgat gcaacacaga tgatgccatg cttcctgaga ctgaaagggt 114960  
 tgctaaggaa attgcctcta aaattatggc aagtataaaa taaaggacta ttagaggaga 115020  
 taccacctta gctgctgtac ctagggatac tgataaagga tatatcacia cactcattca 115080  
 taactgaaag gatattaaaa tccaaataaa gcaaaagacc aaagataact taagccatac 115140  
 cccaaaaagc taattaacta ataagttatt ttactgttta acagaatgaa gagattaatg 115180  
 gtagacaact ctttagctgg aatattggaa agacttacac aatgaaagca ataagtga 115240  
 tagatcttgc taaaaatcaa taaagcaagt aaagccagtt ggcacactat ttaacgtgaa 115260  
 tcaatgtgaa tgatatctca tcaaacttga ggtgtcattc aagaaggaa acttgctatt 115320  
 tctgtctcct aaatttccaa gaagacatta caagtgtcta aaatgagcac actcttaggt 115380  
 gaccctgata gaagtgcatt ttatatttac ttgtgaaacg tgcccaaaa gttaaagaaa 115440  
 ccaataactc atataaatcc ttgggtttgc aggatgtcag attaaaaa agaaacagct 115500  
 tcttgaaaca ctaaaactcc ctccacttgt aagacaacaa aactggctga aatcttttcg 115560  
 aaccgatagc gccagctgga gtttgcacag aacaagcttg ctgatgtcac agcctggatt 115620  
 tccactgcac gtttttatatt aactctctcc caaatttgca catgggacct ataaggaaagc 115680  
 acaaagggat gactgtgcgt gcctgagggt ctttcagacc tctcctttcc tcccaccaa 115740  
 tacctgctaa tctcagaatc caccctctta aaccttttct agtaaaagta ttgccttaaa 115800  
 accagcacag agagatggat ctgagcttga ctcatatctc cttgtaagtc aacttgcaat 115860  
 aaatagcttt tctttctcaa aaacttgggt ttatattatt ggattctaga acattgggca 115920  
 gcaagttcct tttgcttgat agcacttttg tataaatgtg tatgtgtaag gatgtaatta 115980

100437.5 : 010902



acagcatcct	tttaggtttc	tgcattttata	ttaggccaaa	tcgatataacc	ttttagatat	116040
tgctggactt	ggatttcaatt	tgctttgttc	tccattttcat	ttactaaaat	ctgggtctaa	116100
tgtaagagtt	cttggatat	tacataaaca	taaatcattg	ctgctgaagt	tctaatagga	116160
ctctgtttgct	acttgcagaa	accagctttg	aggtagtcaa	ggaaagagga	taaagaaaag	116220
aacaaaactg	aggttttaat	ttcatacatg	atthgtgtct	ttgacagtgc	ttttgtttca	116280
tacaaaacac	aaacgaaata	aaaatttagg	ttccattttct	gtcccttgcc	atgttaactg	116340
tccaatataa	aaagaattga	gcattatgaa	gtagggttct	gcagcttgct	agataataaa	116400
gatattgaaa	gaagggttca	atthgggttg	gatgccaaata	gtggtgaagc	atcctgcatg	116460
ttcacgttgg	ctctccagaa	ctttcaggac	ttgataattc	tgagggaacg	caagggtggg	116520
gcctgacttc	tcttaagcca	caccaattgcc	agttaaattt	gggattgaca	gaaaagtaga	116580
gaaagaatag	ttaagtttgc	atgaacttca	tttatgtctt	ttttttcatg	tgtgtattca	116640
tgtagtggtc	actccctact	cactataagc	cacgtgtctt	gcaagatact	agatatacaa	116700
agatgaataa	atthgtctct	gaggaacaag	taattataaa	gttagaagat	aaagataaaa	116760
atatccaacc	tgtattgaaa	aagaagaaaa	agaagaagag	gaagaggaga	ggtagaggaa	116820
atcacctatg	aagaaactga	aatccaacta	acctcagagg	agttctttta	aactctacat	116880
gccaaagaca	atgaagcaac	taacagaatt	ataggggaaa	agtttgtgac	caaactataa	116940
tctatgttta	ttctttgtgg	cgaggaccat	aaaatataac	cccacacact	caaaggaaaa	117000
aatgcttgaa	cacattctat	agcctgccaa	gattttcata	aaatgaagag	cttaaatgta	117060
gttagaaaaca	gactcccaat	gagcaatgaa	attagcaatt	tgaaagatgc	atgcaactgt	117120
caaaaaaggg	agagagaaga	tacataatga	aaaaataatc	actttttcag	taatatattat	117180
cagacccct	cctatatgct	agacagcatt	ctagtcaatg	agattacaac	agtaaattaa	117240
acagacaaaa	attaagcaga	atgcaaagtc	tgcttttata	aagcctatat	tctacaggag	117300
aatcagaaaa	taaacagat	acaaaaaatg	catagtatga	aatcacataa	tacctcaagt	117360
cttaatagca	aaaactagca	tatggatata	aaaggataga	aaaagtgagt	gaaaaaggga	117420
taaatattht	agcttatgta	gaagaggaag	aaaagacttt	aattttccagg	aatttacaca	117480
cacatgtgca	cacacaaaa	gtagggtaga	aaaattattg	cttagacaaa	atagaagtca	117540
aagggaacag	cattaaatag	gacaaaaaga	ataactcata	ctactactac	taataataaa	117600
agtcaacaca	ttcaaagtcc	atcttcttat	tcttcatctg	actcagtttc	tgctcttgcc	117660
tctctaagt	agggtattgt	cctactgccc	ccaaagccag	gccaaaaacc	tgggcatcat	117720
tctttactcc	tctgtccctg	cgcacaccca	atctaccgcc	cgtgacgttt	tgthtttcta	117780
cctcctaaat	acatctcaat	ccatctcctt	ccctttgtgc	tttctgacat	tttgctcatt	117840
tagaacacca	tcatctctta	cctggccttc	tacctcaacc	ctctaactgg	ttcccttgcc	117900
tctgtcttgt	tttcatcaaa	tctactatcc	atggggagct	ccaaactatc	tttcagtcta	117960
cccatctgat	tataacatta	ttctgtgtaa	aacacctttg	gcatcccat	gtccagaact	118020
ccttaatgtc	accctctgta	gttttaactgt	tgattatctc	tccaggctgg	tatctcattt	118080
gttgctthtt	atatccagcc	acgtgagcat	ttgcaattcc	caaatactgg	gtcagccgct	118140
ttctcacctt	gagggtgttt	ccctctgcct	ggtaccgcgt	cttcttccgt	ctccctttgc	118200
ctggccaatt	cctattgagt	ttagacacca	cttctccttg	taaacctttc	ctcactctcc	118260
actctgccaa	atctgggtga	gttcctattc	tgagtgttcc	aatagaacct	tgaacttccc	118320
ctatcatagt	acctttccac	ttgattataa	cagcctgttg	atatgtctgg	agtccacacc	118380
agattgtaaa	cccataaag	ctgtggacca	tatccccagg	acaaagatct	atccagaagg	118440
ggthtttaata	ttaaattgaga	aatattattt	aaaaagaagt	aagaatgcaa	cctaagaatt	118500
tggaaaagag	aaaaataagc	caaaagaaat	catcagaagg	atthgaccaa	gattaaaaa	118560
aaataaatca	gaaagtagaa	aaattgtatt	tctthgaaag	aaaacatgca	cataataaag	118620
tgcataaatt	tgtagcattt	tatatataat	caagagaagt	tgtatgcact	caattgaaaa	118680
atthtatgaga	aattttatgag	aaaggacaac	agatatcaag	gatattacaa	attatgctta	118740
tgatttagaa	taattttttaa	aatggcaaat	ttcctatcta	aacataaatg	atcaaaattg	118800
tcttaataat	taagaaatct	gaaatctcca	gtaactcaga	aagaatttga	aaaagtactc	118860
aataattact	tcaaaaaatg	gatactaacc	tgggcaactt	tacagctttc	acattttcaa	118920
gaagcaggta	atthctttca	gataaattgt	tccgtgggat	aaaacaagat	gaaagaaatt	118980
atcaaatcca	ttthtatgaag	atgaaatgat	tctgtttcaa	aaagccaaat	aaataacaaa	119040
cacaaaactc	ttgaattgaa	tagtaatctt	atthtttgat	acaactgcag	aaatccttaa	119100
aagaattaca	atthcaaaac	aatagcacct	tcataaatta	tccaccacat	ccaagtaggg	119160
ttattcctgg	aattcaagaa	tagctcaatc	agagagaagt	aggttagcat	actacatcaa	119220
tggatctaaa	aagaaaaaaa	ttataaagct	cataaagtca	tttcaatgcc	atthtgaata	119280
acaattctta	gaaaacttaa	acacaaatgg	cattttattca	aattgtcagt	gatattctgat	119340
ggctaaagag	tagagggtact	ctctctcatt	aaaagcagga	acaagaccag	gaagtcta	119400
atcaccatga	ctatthtataa	gaatgctctg	aacatcagtt	tgtgcttgta	tttgacccaa	119460
gtctgccaat	gtgtthtttgc	tttgattttg	gctgtggaag	tctgaagaga	caaagtctctg	119520
cttcaactgg	ctthctagcg	tccctgagat	agttcctagt	caaggatcat	gtgactattt	119580
aggttaccat	cacatgta	cattaatgat	tgggagttcc	aatattaact	gacagaccaa	119640

10043715 "010902"

tagtctaagc cctataacat cttcattttt ataggtcaaa acaattgaat atcagctatt 119700  
 tcttatgact tagtctaaaa caaatattga gagagagtgt gtttgctaaa taacttttaa 119760  
 gaggacagta aatctctcta aagatatgtt ggaatgtctc acaaataagc cagggttgta 119820  
 caaggtacac aataaagagg gatctgcttc tagtttcaac ttttcttatt catcctggat 119880  
 aaggtgctta ggaaccactg taaccactg taactcctct aaaaagctgg cacaggaaac 119940  
 aagacggctt ggccagtgc gtagctcac cttgtaatcc cagcattttg agagcccaag 120000  
 gcaggaggat cattttagct caggagtttg agaccagctt aggcaacaaa gcgagagtcc 120060  
 catctctaca gaaaaataaa ataaaaataa tagccagaca tgggtggtgca cgtctacagt 120120  
 cccagctact tggggaggctg aggcgggagg attgcttgag ccaggaggc cgaggctaca 120180  
 gtgagctatg attgcaccac tgcgctccag cgtgggcaac agagtggat cttgtcaaac 120240  
 aaaacaaaac cgcaaaaaca acaaaagacc ccccgcccc taaaaccaca aaaagaccat 120300  
 taggcacctg aactcaaaat gtttaaaatg ttttctca cctgcccacc tctaccctcc 120360  
 acagtggacc atcaacctaa taacaagaga gagcaacaag gcctgggggc cctttgctgg 120420  
 agcacagtcc caaggtgcat ccgtctgtga cccaggtaag catgtgtctt cccaagaggc 120480  
 caaaagcatg gaaaccaaac tgcagacttt ctccctatga gctcccgcat gcaccaagt 120540  
 atgctggctg aggttttctt gggctctgtga cacaacaata tccattttga accatccaag 120600  
 gtttataaaa aacattaata acaatataat agaaggatag aattagattg tatagtagta 120660  
 gtaatctttg tagaattgtt tgcatactag tactcattgt caaataaaat aatcattaag 120720  
 aaccatattt aatttgcagt taatgaactt tacttaagct gtgactattt caggagtaat 120780  
 ggtcctgctt ggaaattctt cacattctgt acagacgtat taaaggcaga atagcacatt 120840  
 atcacctcaa attttcatga ggaggtaaaa ctaaaatcat gtacaacaat ctcaatgaca 120900  
 tatcgatata atgaagagta tgaaaaagag taagagaaaa atgaggaacc aaaaacacat 120960  
 ttgatgttgc taatctaatt tcaaaatagc agacttaaca aacttactct aagaaaaata 121020  
 tctatatat ctgagtctcc aaggccagat atatttaaaa gcctgttgaa atgattttatg 121080  
 caaactgaca attgaagcag ttgaagatga aggagtattc agattttcac agtctgtgat 121140  
 gcctaggtac aaatctcttc tttgtatgca ttttactaga aaaatttcct aaattccatt 121200  
 ctgctgggca caaaaagtta ttgacaaact aaatgtgcc tttctgcatc ttgtgtatca 121260  
 gttgttggga caagcaggac ccaccagaag tcctttaaat ttaataggat tcatggtgag 121320  
 tttatgtgta atttgctaga tttctctttt acatgcttaa tgagggattt tggggatata 121380  
 agctaacaaa ataatgagtc tggctgtgga aatatctgta gaatggaaaa tcagtaaaga 121440  
 caattacaat caacaatgag tacacatgat gaaggcctca agtgatttag gaattgtaaa 121500  
 tatacactat tttaatcata gtttccagtt gtgtttggaa aataattatg acacagtgt 121560  
 ttttaacaga attacctatc ttaagaaaga ttacaggact ctccatttct tactctttga 121620  
 ttgaagacaa actacacgga gtataagagg ttttggaaacc ggtttgtcat gcttataaaa 121680  
 gataaggaag cccctctcac atgtaaaaag gctgctcgaa caaaataaag cctcaattat 121740  
 gtatgtgca gataatagtc ccagtcgtcc cagtctagca gggcgtatta cccaccaact 121800  
 attttttcag agaaagtagt ttgttctttg caaactgctc aagtaataat caaactgagg 121860  
 agtgcaaaat aattctgaca tatttgaca tgaggagtgc aaataattct gacacgatta 121920  
 ctactattaa aatactcta tcacctgct ttggaagaaa tgctgcaatt agtatacaga 121980  
 cagtgtatac taattagtat aattgcaagc ggagggtgcag agggaaaatc agaccttatt 122040  
 cttttatttg aaaagctggc tgggtgtgga ggctcatgcc tgtaatcca gcaccgagag 122100  
 gccaaagccg gaagatcatc tgaggccagg agttcgagac cagactgggc aacatagtga 122160  
 gactactcag agactgagca gggaggatgg ctgggtgtggc ggtacatgcc tataatcca 122220  
 agctgtgatt gcaccaccac attccagcct cttgagcctg ggagggtcaag gctgccagt 122280  
 aaaaaaaaaa aaaaaagcc aattacattc gggtttcgga gtgagatcat gtctcaaaaa 122340  
 ggacatattt tcatcaaaag atttatttaa agtcgcaaca tttctagatc aaaggtttga 122400  
 gtgaaggtga aaatccaaag cgtgattctg atgtgaaata tactagacat caaagtataa 122460  
 tgtgtgaacc ttacattggt gaggctgtat aaagtattcg gaaagcatct cctttcaacg 122520  
 atcttcaagg ctagcagttt aaaacaaagt cagtggaaact gcattcatc ctttggtac 122580  
 aaaggaaagc ccactgacaa catctctatc tctatcagca tcttttggtac tgctagagag 122640  
 agacaagaca gtccttaac accatgatga aactgagcat gtgcctatct tgatagagct 122700  
 gcagcatggt acccacagga gcaatctagt gactaacagg gccatggaat tcattcaaca 122760  
 cagccataac atcaaattta aaaaattaaa ctactaaaaa tgtaaatgac tctctgtct 122820  
 atcactataa ttcataatat aattatgata aattttgggt taattatata ttctgtcat 122880  
 ttattttatg ttgacaatac atgggtgttg ctaaatatta attcttaaca tttggccttt 122940  
 ctgtatttct ttaaattgta tggctactgt ccttttactt aatagtatcc tgaaaatact 123000  
 ggctaagca ttaaactcatg aaatagaaat gaagtataat tccttaagga gaggacataa 123060  
 aattaatact atttacagat gacacaaata taatgctagg aaacctataa gcatcaactg 123120  
 gaatagtttt agaattaatg agcattcatt agcaacctaa aatgttagca gcatagagat 123180  
 ttaaagtaag atttaataa ttaataatat taaataataa aaaataagat ttaaataatt 123300

10043715.010902

agaaagatta ttataaaaaag aaagaacttt tactagttaa aaaaattggc actgtaaaga 123360  
 tgtaaatact tcttaattaa tttgttggtt taacaaactc ctgggtcagat ttccagcaga 123420  
 atttatttta gagcttaaat atcaaaatat catctagaga aataagtggg taaaagtggc 123480  
 taatttttta aaatcaaagt gatggaaaga aaattaatct ttcagataga cactatatta 123540  
 caaagtaaca ttaagtaaaa tggtagcatt ttactgaaag aaaaggaaaag atagctctca 123600  
 aacaaaatag atagaaatat attacaaact tatggagaag ggaaggaatt tgttgtaaat 123660  
 cccttaagga taattagtct tttagggaga aacaatcaag aacctcctct ctttcatcta 123720  
 ccattagtgt agttaatat taataagagc ttctagtagt gcctgacaca aatatgcttt 123780  
 atataggtat ttattaaata aagaaaacaa ataagatacc aagataaatc tctctacaaa 123840  
 aaagtaaaat aattaaccct atagaaataa atactggtga cttgagaatt tctctacaaa 123900  
 aaaaggtaaa aattgattta tttagtacat ttgttccatg ccggaacaaa aatagaaagc 123960  
 aaacaaacat ctgggttaaaa tatttcttag caaacatggt agacaaatat ataaaaaact 124020  
 cttaaaaaac aataagaaaa ttagtaagag ttcttgtaa gtaaagaaca cagacaagtg 124080  
 acaaaaatat gacattctga tagatttatg ataataatac ttattcaagg tcataccatt 124140  
 tttaaaaatt ggtgaagact tcaaaataat tccatgtttt agaatactgt taaaatttta 124200  
 aaatcaaaag taaggagctc atggttaaaa ggatctcata atgaaaatca agcttcttgc 124260  
 cttctcctcc ctactctgag ttcaattctc tgaaagcaag cacttaactt tgttgcttct 124320  
 tatatttacc ttcattgtctg ttagtggtta acataaactg cttttcctgt tttatcagtt 124380  
 ttatacctta gatattgatt tctgcagtaa caaatgaaat ttcagctctc agtgcatacc 124440  
 ttctcttttt tcccattcta cccatgtaat tatatcactt tcaaatcact gatgtcatat 124500  
 aaccacataa atattgttcc ctgcgaaact cactaatgtt ttacgattat atgcctttta 124560  
 ctgtcttttg cccccctgtc cctctggagt ttctgattgc ctttattttt ttatagcact 124620  
 aattgccttt atcatattgt ttttttcaaa ctcttgatta tatcaggtgt gttagcaaat 124680  
 tatctcctgg acttagacca ctgttccata aacctagatc tttttgcacc aatcttggct 124740  
 acttgctctg caaagatttg ttgaaatgct gtatgaaaag agggagtggt gagacactca 124800  
 aacagtgtct gtagagtata aattgttaca accaccctag aaagcaagtt gtcactatat 124860  
 gacaaaagct ataaacattc aaagactttg accctacttt tcaactctag aaattgcttc 124920  
 taagaaaata atcagaaatg tcattcagat ttgtgtgcaa agatgataac tgtaatgatg 124980  
 tttatgtgaa aaagtgaag taacttgagt gccagttat ttgtgagtcg ttatgagatt 125040  
 gtggagtact ctgattcat taaaattcat tggtagagca cttttgaaat ctgcttcagg 125100  
 gaaacacctc gaagagaaaa gtagctatct tcaagcgact aaaactgaag tataataaga 125160  
 gaaccatgtg attcaagcaa gtccacaaca gagccaacag agtctgcttt caaaggaatc 125220  
 tgcaaatga aggatacaaa caggtacgct ccgaaatctc aagggtggaa ttaattgctg 125280  
 tagtgtgcct gtgcacatgg gcaaccctat gttagcatgca tgttccagat gggtaacagg 125340  
 tgcttgattt tttaatgtaa tgatggttgt gctgctccca agcaatgaga aagagggcag 125400  
 ctgtggatga atgggcgtag ggaataggta aggatgtgaa actgacaagg aaggggaagc 125460  
 gtgttattaa ataaaggctg aatattcaca caggggatac agaactctc ccctaattgt 125520  
 aagggtgctg ggaaaggctg tgtgggagat gagtagatgc acgttgagaa ttatagggg 125580  
 aattacgtca tcaggggaaa tccaggtttc acctgggatg aggcggcggc gcatgtattt 125640  
 aaagaacaga ttgcaaattt ctgagctcct tggcagcaga gcagggtttc cagaagacat 125700  
 atgggtacag ttaaagggaag ggtcaaaagg ggaaggatgt gtcacagaaa ggtcaggctg 125760  
 ctctcaatgg aatggagact tatagacatg gagagagggg tgcgcagaat tagtccctta 125820  
 gataactagg gaggagaaat tctgggagtt gaggggtaca gagcaaaggc atcaacagaa 125880  
 caaatgggac agaactggca gccccagcat ttcaaataa acttcggaat gaactaggga 125940  
 agatacctcc acaactatt gtttcaacta tctcaggtac acctaattgc cataggccta 126000  
 tcagcatttt tgaggttgac ttcattgcaca aatatttttg ggaaaacctg atggctaagt 126060  
 aatttgaata aacgccttga agggaatgaa gtggtaggga aggttttggg gtaaccaaac 126120  
 gttccttttt tgtaaaagca tagatgagag aggttttggg gtacaccaac aaaagacaga 126180  
 aaatgcagta ttagctcaag aaacctgggc caggttgttt gccttgaggg agcaagaggc 126240  
 ttgtgtggga gccttccggg actgtgtgaa atcttggctg agttttgagt caaggtcgac 126300  
 cagatgcagg tctggcttcc cagagagtag atctcactcc cttgctgaag cacaatctg 126360  
 ctgggagtgg cgctgacttt ggactcgagg aagagtgaga gtaaattagt aaacaaacta 126420  
 aaataggaaa taaaaatgat ttatggtttg taagtagaca cataaaaatt ttcaaggccg 126480  
 ggtacggcag ctcatgctg taatcccagc actttgggag gccaaaggcg gtggatcacc 126540  
 agagattagg aggtcgaaac cagcctgacc aacatagtga aacctgtct ctactaaaaa 126600  
 tataaaaaatt agccggcggt ggttgtggg acctgtaac ccagttactt gggaggctga 126660  
 ggcaagagaa tcgcttaaac ctgggagggg gaggttgag tgagccgaga ttagccattt 126720  
 gcaactccagt ctgggtgata aaagcaaaac cctgtttaaa aaaaaaaa aaaaaaattc 126780  
 aattaaccac ttgacagtgt tttactctcc cagttctcca aatgtttatg tttaacctag 126840  
 ggcacaattc aaagtgggtg gtgtgtgga agctgagtg ttacatgtgc tttcttattt 126900  
 ctgggtaatt ataaggagtc aatgtgcaca ttttcttag agcaggacac ataactgtga 126960

10043715 "040902

agacagctct atcatcttaa aaatatttgc atttttaaata ttttattggc ccaaattttg 127020  
agaaatggaa cacacagata aaagaaaatg tattgaatat tctgacagac aaagaagatt 127080  
cagggaaatct caaatacttt taagccagct tgtgatctca ttccagattt ctaggtagct 127140  
gcacttgagt ttccaaattt cacctgctaa atgtacaatt ttgggttaaat atagggaaca 127200  
ctgtccagtc ttcaaaagca gtagaagcaa cttcgttgag gagttagcat aaaaagaatc 127260  
tgttacaaaa agtgggtgta caaatgcaaa tttttgatgg agaataaaaa ttcacccaag 127320  
atctggtttt tagcttggct ttcacacagg gtactaggca ttcacagacc agcctcattt 127380  
ttcattcctt tgacataaac tagccccacc agtttgggtt tgtagagaga cttctatctt 127440  
cctaatactc atttattgac ttccatcatc agagtcttca cggaaaaacc tttcaccacc 127500  
ataaatcaac ttggatgta ttgatacttg gccctggagt acacaaacac aatgagatcg 127560  
tggaagagag ggttaaatgg attattcttg acatctttca tgaaaattga ggctcctcac 127620  
atcttctctc tgtgttttct tttctgagt ggcttcttaa tttcagtatc attttcttta 127680  
tcctttctgg ttccttggtt aaaaaaagaa aggaatgtgt ttcctggaaa ctgtctttgt 127740  
caactaacct ttgcatttta agtgatactt ctgttgtctt gatttctaaa gatcacgaag 127800  
gtctagcttt cctaaaactt gtttgagttc atgaattgtt attttgaacc tctctgaaat 127860  
gtttaaaatt atttccattg agaaaaaaat ttcattctac caatacaact atttttatct 127920  
gtaatactca aggagttttg ctgagtgaag aatgaagagt aattcctaata ataaaattaa 127980  
taggcatgta agctttcata atagtacgaa tattctcatt tttcctatgg gtaggtcttt 128040  
gctcatcaag atcccaatgg ctctagtaag agaagaaatc caggcacctg aagcagtaca 128100  
gatggtagca agggttgtga ctaggagctt ggagtctaag agagagcaac tctggcttga 128160  
atcttttagct acaataactg tatagacatg aaataaaagt cttaacctct ctgattttca 128220  
gtgtttatag gtgactaaag taggtatgga aaagtgggtt tcagataatg gttctgaagg 128280  
acagaataat catttttcca aaaataatag gagcagatat ataagagaat attatttgaa 128340  
ttttttgttt aaatctagta agtgggttg aagggaaaga attgaagaga gagtgtctta 128400  
gaccaggggt gtccaatctt ttggcttctt tgagccacat aggaagagga agaattgttt 128460  
tgggccacac ataaaaacaca ctaacactaa cgatagctga ggagctaaaa aaaaattgcaa 128520  
aaaaactcaa tgttttaaga aagtctatga atttgtgttg ggccacattc aaagccatcc 128580  
tggaccacat gctgcccatg ggccatgggt tgaacaagtt tgctctagac agaaggcgtg 128640  
gcatgaagat attctcagag ccagaagatg gggagaacta gagaagatga actgggcagt 128700  
aggaggagat gaagaaagca aaagatgact aagacagtcc tctctgccca caaattcata 128760  
atattaataa tggatctttt ttactagaat ttgatattcac aggtcacttg atttcttaat 128820  
tggggatttc ttttatgagc catatcctcc actttgtctg tccctctcta tttatttgaa 128880  
gagacaagtc caacacataa aagagaataa aggtctacac catttagcct gatgttaagt 128940  
gcaaaaagat tgcagagtc gagatgaata tgggatggag tatggctgca ggctccaagg 129000  
atgaaatcag ggtttgaaga agtttccgaa atgccagcag caagtggagg tcttgttgtt 129060  
agctttgaca ggttgtagac agctttgtac tatacctgtc caatgccaaag cgatatgtgc 129120  
ctgatatgta ataatttctg aatttgtaa gggaatgaaa ataagaatct acctgctatg 129180  
ggctgaactg tgtcctcttc ctctcaaat tctattgttg aagggttaac tcccagcacc 129240  
tcagaatgcc actacatttg agataggggt tttaaagaag taattaaggt aaaatgggt 129300  
tatcaggggt tggcttaacc cagtgactag tgtcctcata ataagaggag tttatgacac 129360  
agacagaaag acaccagaca tgtgcatgca cagagggttg gacttcagaa aaataaccct gctggcatct 129480  
gttggtggcc ttctacaagc taaggaagga gacttcagaa aagaaagtac actctgttgt tgaagacacc 129540  
tgatcctggg cttctatgct ctagaattgt aagaaagtac aataaaactca cacacgatcc attttgtttt 129600  
cagtctgtaa ttatttgta cggcagccct gttatatgtg ttgtttagtc ccatggtagt 129660  
actttccctt caaataacaa tgatgtctta atttagggag agaggagaaa ataaatttg 129720  
aactcatttt ttaaccagtc aatggggaac agaaacaaaa gtatacatga aaaagtctac 129780  
agaaatgcag aacatacatg accctgggta agtgaggga acccttccct tatttcccaa 129840  
agttgcgatg gtgcaaggct gcttgacaaa gtttctccct agagaagtca ctagtattag 129900  
tgactcagag actgggtcact gccaccctct taagtcattg tttcagagat aagccagtgt 129960  
aagaggacac agaaaccagg gtgatgaggc gaatttgagc cttgggttagg taactgagga 130020  
gggggaagat attgcttggg tggggaaaaa ttaattacgt gattttgtct cacactttga 130080  
gacctagga ataagtttag aacaaacatc aaggaagaaa gaggagctaa taatgattga 130140  
tacatgcaaa ttaaggaata tgtgtcaaa atagccttga aagagaaaaa aagtggagaa 130200  
gtcatacctt aaactcaaaa tggaaatgtc ggtgtgggca aaaagagttt gagataacag 130260  
gatactccag aaactcaaaa tggaaatgtc ggtgtgggca ggaacagtg ggaccggtgc tattccaggt 130320  
ggaaaggggt tagagcagag caggaggga gaacacagt gatctaattg ggatccaggc aggaaagaca 130380  
gctaataaat gccctggaac tgccttact ctcccagccc agtgaatgag actaagtaaa ttgtgacgac 130440  
cagtccttct tctccaaaat ctcccagccc agtgaatgag actaagtaaa ttgtgacgac 130500  
tctacagact tgcaagtgt aaggtgggaa cccatgggtg gactgggag cacagaggag 130560  
ggacctcttg cctgggtgta agggaaaggg gtcagaggag acctccccag gaaaggtgac 130620  
aactaagcag agtcttgatt gagagtgggg gctaggccag caaagagatg tgtggaaatg 130620

10043715 "010902

2050915-010907

catttcaggc	ctgcagaaag	tttgtgagat	gggagagcat	gactcattcg	tcaaaccaca	130680
ggaagggtatt	atggctggag	tagaattttt	ctgaaatgcg	gtcttttctc	agtggtaggg	130740
aagaaggggca	aaggagaga	tgtatagtgt	ctctctcaga	acttaaaaat	tcttttttgt	130800
taatgcaatt	aatatgtgtg	taccatgaat	cacctggatg	atttgcatat	attcaggagt	130860
gattatagta	aagaagaatt	taggacaaca	ccaaatccag	caatatattg	ttaaaatggt	130920
gttttgaatt	aatgcataat	tgtacatgca	ggtatacctc	attttattgt	gctctccttt	130980
attgcccttc	gcagatattg	tattttttat	aagttgaagg	ttttagacaa	ccttgcatgg	131040
agcaagtcta	ttggcaccat	ttttccaaca	gaagtgtctc	cttcttatct	ctgtgtcaca	131100
ttttggtaat	tcttccagca	tttcaaactt	tataattatt	attattctgt	tatggtgacc	131160
tgtgatcagt	gatctttgat	gttactatta	taattgctat	ggtttaaagg	tccctgtagc	131220
ccatggatca	aggagtaatt	ttgactttca	agccttataa	tttaagaaac	tcaagtttagc	131280
acatgaatta	taagaaagca	aaatgccaga	ttgttgatat	ggagaaagtt	ttagtagtct	131340
gggtagaaga	acaaaccagg	cacagcattt	ccttaagcca	aaatctaate	cagagcaagg	131400
ccctaactat	tcgattctat	gaaggctgag	agaggtgagg	aagctgcaga	agacaagttt	131460
gacactagca	gaggttggtt	catgaggttt	aaggaaagaa	gctatctcca	taacataaaa	131520
gtgcaagggtg	aagcagcaag	cgttaatgta	gaagctacag	caaattatcc	agagatctac	131580
ttaagatcat	tggggaagg	ggttgactca	aacaacagat	cttactgtga	gataaaacag	131640
ccttctattg	gaagaagatg	ctatctagga	ctttcatact	agagagaagt	caatgcctgg	131700
cttcaaagct	tcaaaggaca	ggttgacact	cttgtcagag	acaaatgcag	ctggtaactt	131760
tatgttgaag	ccaatgccta	tttaccattc	caaaaatcct	agggccttta	agaattatgc	131820
taaaagctgc	tcttcttgtg	ccacataaat	ggaacaacaa	agcctggatg	acagtacatc	131880
tatttacagc	attattttact	gaatatttta	agctcaccgt	ttagacctat	tttttttaaa	131940
tggctttcaa	aataactacta	ctcattgaca	atgtacctgg	ttacccaaga	gttctgatga	132000
ggatgtacaa	agagattaat	gttttctctac	ctgctaacac	aacatccatt	ctgtagccca	132060
tggatcaagg	agtaattttg	actttcaagc	cttataattt	aagaaactca	ttttataaatg	132120
ccatagcttc	catagacagc	gattcctctg	atggatctgg	gcaaagtga	tggaaagcct	132180
tctggaaagg	attaaccatt	ctagatgcag	aataatccca	tttaactact	ttttcttttg	132240
ttgcatatgc	ttttgaggtc	tgaaaaaatcc	ttgcccagac	aaatatcaca	aaatgttttc	132300
cctatgtttt	cttctagtag	atttatcttt	ttaggcttta	cattttaagta	tttaatccat	132360
tttgagttaa	tatttgaat	gatgagagat	agaggtctag	ttttactttt	ctgtatgtgg	132420
atatccagtt	ttcctggcac	catttgttga	agagattgtc	ctttcctcaa	tatgtgttct	132480
tggcaccttt	gtcaaaaatt	agttggctgt	aaatgtgtgg	atttatttct	gtatcctcta	132540
tcctgttcca	ttgggtctatg	tgtctatttt	tatgccagta	ccatgctgtt	ttgggtacta	132600
tagacttgta	gtacattttg	aagtcaggta	gtgtgatgcc	tccagcttta	ttctttttgc	132660
tcaaaattgc	tttggtctatt	tggagccttt	tctggtttca	tatgaatttt	aggatcaact	132720
ttttctattc	ctgtgaaata	taattttgtg	aaaaatatca	ttggtatttt	gatagggatt	132780
gtattgaatc	tatagatgac	tttgagtgtg	atggacattt	taacaatatt	aattcttcca	132840
atccacgaac	atgagaccgc	tttccattta	tttgtgtcct	cttcaattcc	tatcatcaat	132900
attttacagg	ttttattgta	aagagttttc	acttccctgg	ttaaatttat	tgctgggtat	132960
cttaattttt	gtagctagca	taaatgagat	tgcttccctt	ctttcttttt	tagggagttc	133020
tttatagttt	tatagaaatg	ctactgattt	ttgcatgttg	aattttgcat	cctgaaactt	133080
aaatgaatta	gtttatcagt	tctaaaagtt	ttttggatag	agtcttttagg	tttttctata	133140
tgcaagttca	tatcatttgc	agacagacac	agtttgactt	cctctttttc	aatttgaatg	133200
acctttcttt	ctcttgccca	attgtacttg	ccaggacttc	cattactgtt	tttaatgaaa	133260
gtgccgaaag	tgggcatctt	tgtcgttttc	cagactcttag	agaagagctt	taaacttttc	133320
ctccttttagc	atgatttaac	tgtgggtttg	tcatatatgg	cctttattgt	gttgagggtct	133380
gttattttcta	tttgttgaga	gtttttatta	tgatgagatg	ttgaatttca	tcaaagtctt	133440
tttctgcatac	aattgaaatg	attatatggt	ttttgtcctt	gattctataa	tgtttattga	133500
tttaggtatg	ctgaaccatc	cttgagtcca	tgaataaat	ctcacataat	catgataagt	133560
gatcttttta	atgtgctgtt	gaattcagct	tgctagtatt	ttgttaactt	ttttttgcac	133620
ccatgttcat	caggagagatt	ggcctgtagt	ttcttttttt	ggttatgttc	ttctctgggtg	133680
ttagtatctg	ggtaatgctg	gctttataaa	attaatttgg	aagaattacc	tccttttcaa	133740
ttttttggag	taatttgaaa	agaattgtag	ttcattttaa	aaaaatgttt	ggtataatac	133800
agcagtgaag	ccacttggtc	cggggctttt	ctttgatggg	agatgtttta	ttattgattt	133860
aatcttgta	tttattattg	ttctgctctg	ttttctgttt	cttcataatt	caattttggt	133920
agcatatgta	cctagaaaact	taaccatttc	ttctagattt	agcttttcat	aaaagtcact	133980
tatgatcctt	tgtatttcta	ggatcagttc	taatgtctct	tttttactg	ctgactttat	134040
gtattttggct	tttatcttta	tttcatagtt	agtctggcta	aagattgggt	gattttgttt	134100
atcttttcag	aagaacaatt	attggttatg	ttgatctttt	taattttttt	ctctattttg	134160
tttattgttg	ctctgatcct	tattatttat	tcccttctac	caattttggc	tttggtttgt	134220
tcttgttttt	ctagtttctt	gaggtacaat	gttaggtttt	tatctgagat	ttttctattt	134280



1043745-010902

tgttcatata	gatgttaatt	gctatatact	tcctctcttag	aattgttttt	gctgtatccc	134340
atagggtttt	gtatattgta	tttccatttt	catttggtatt	aaattatttt	ttaaatttcc	134400
ttttaatttc	tttattgacc	catttggtctt	tctggagcat	gtttaatttc	tatatatttg	134460
tatgttttcc	aaaatttctc	ctgttactga	tttctaattt	tcttccactg	tggtctgaaa	134520
agttacttga	cataattttg	atttaaaaa	tttttttgac	acttggtctg	tggtctgaaa	134580
tatgatctat	cctgagaagg	tttcatgtgc	tggtgcgaag	aattgtgtatt	ctgtagcgtg	134640
tggttggaat	gttccgtaat	gactgttagg	tacatttggt	ttagagtgc	gtttaaatat	134700
gatgtttctt	tggtgatttt	ctgtctggat	gatctgtcca	ttgctgaaag	cagggtgttg	134760
aagtcctcta	ctatcattgt	attgaggtct	ctccctccct	ttagatctaa	taatatattgc	134820
tttacgcatt	tggtgtctca	actgctagtt	tcacatatat	ttacaattgt	catatgtact	134880
actcctgctc	tcttttggtt	tctctttgca	tggaatatga	gcttccatcc	tttcaactttc	134940
agtttatgta	tggtcttaca	ggtaagtaa	gtctctcaca	ggcaacacat	acttggtttt	135000
tttttaaact	ctatttagcc	actttatata	ctttaattat	gaaattta	ccattttacat	135060
tcaagattat	tattgatatg	ttaaagactta	ctcctgctat	tttattaatt	gttttccggt	135120
tgttttgttt	atcttctgtc	tctttcttcc	tctcttatgg	ctacatttat	gtttgggtga	135180
ttttctgtag	taataaactt	tgatttcttt	ctctttctca	tttgtgtatc	tgagtaata	135240
tttttctttg	cagttattct	gggtcttaca	taaaatattg	tatagttata	atagactatt	135300
tttagctgat	aataataaac	tttggttgca	tacaaatatt	ctagactttt	actatccctt	135360
ctaaaatttt	taattttgct	gcttaattta	catcttttta	tattgtgtgt	tccttaacaa	135420
cttattgtag	ctagacttat	catcgaccat	gttgactttt	taacttcaca	gtagagatat	135480
gaaagattat	gtaccaacat	tatggtaatg	aagtattttg	aattgtgata	taaattttacc	135540
tctaccagtg	agatttagact	ttcatatgtt	ttatgatagt	aattattgtc	cttttgcttc	135600
caattggaat	acttccctaa	acattttttg	taaggctggt	ctagcgggtg	tgaattccct	135660
cagcttttgc	ttgtctgaga	aaaaatgtat	ttctccttca	tttctgaaga	tagctttctt	135720
gagcataata	ttatacatga	cattgtaatg	acactttgaa	tgtattatct	cattttcttc	135780
tggtctgtaa	ggtttctttt	gagaaatctg	ctaatagtct	aatagaaatt	cttgtgtatg	135840
tgacttgata	tttttctcaa	aaagcccca	aatccaaaaa	ctttttttta	agaatgtcat	135900
aaatgactaa	gctagaaaga	gagaagaagg	tgaagtggga	gaaatgcagg	acaatacata	135960
ggtggagaac	agaaacaaaa	gtctacataa	aaaatacagt	tgagatgggt	taaggctacc	136020
ataatgtaag	gttaagggaa	tctctctttt	ctttttcagt	gactcagaga	ctggctactg	136080
cttgataaaa	ttttttttct	agataattca	ctagtattag	aagagaacac	agaaaccagg	136140
gctacctttt	taactcattg	tttcagatat	aggggtgagga	gtgggtgtat	gaggcagaga	136200
agctggaatt	tgagcttttg	ttaggaaaat	aaagagacca	taggaagagc	tgaggtgagg	136260
aaaaattaat	tatgcgactt	cttctcacac	ttacatacat	gcaaaaataag	tttacataat	136320
aattattgag	tcatactctt	tttttttttt	tttttttttt	gagacagagt	ttctctcttg	136380
tcgcccaggc	tgaggtgcaa	aggtgtgatc	ttggttctct	gcaacctgca	cctccttcat	136440
tcaagcaatt	ctcctacctc	agcctccgga	gtagctggga	ttgcaggcat	gcgccactat	136500
gcccagctaa	tttttttttt	ttttgtattt	ttagttgaga	tggtgtttca	ccatgttggt	136560
caagctggcc	ttgaactcct	gacctccggt	gatccaccog	cctcggcctc	ccaaaatgct	136620
aggattatag	gcatgggcca	ctgcgcccag	ctgagtcata	ctctttaagg	aatatgtgtg	136680
tcaaagatag	ccttgaaaga	gaaaagaagt	ggagaagata	ctccaaaaac	tcaaatgga	136740
atgtcaggtg	tgacagaaa	gagtttgga	taacagggaa	agtgtttaga	gcagagcagg	136800
aggaagaac	acatgggact	ggtgctattc	caggtgttaa	tcaatgtcct	ggaactgctg	136860
tactgatct	aatggggatc	taggcaggaa	agacacagtc	cctcttctcc	aaaatctccc	136920
agcccagtg	tgagcactaa	gtaaattgtg	acgactctac	agacttgcat	gtgctaaggt	136980
gggaacccat	ggtgtgcact	gggagcacag	aggagggacc	tcttgcccgg	tgctaaggga	137040
aagggggct	gaggaggcct	ccccaggaaa	ggtgacatcc	aatccaagtc	ctgatagaga	137100
gtgggggcta	ggccagcaaa	gagatgtgtg	gaaatgcatt	tcaggcccgt	ggaaagtgtg	137160
tgagatggga	gagcatgact	cattcatgga	accgaggga	ggtattatgg	ctaggatagg	137220
ataatttttc	tgaaatgtgg	tcttttctca	gtgataggga	ggaagggcaa	agggagagat	137280
gcacagtgtc	tctctcagaa	cttaaaaaat	tttaataaggc	aatgaatgta	tttgtatata	137340
tactctaaat	catttggtatg	atttcatatat	attcaagagc	tataacagta	aagaaaattt	137400
aagacaatac	caaattcagc	aatttttttt	tcctttttaa	aggatatatt	ttaaactactg	137460
tgagagatgc	actagaattg	taggcaggac	tttttttttt	tttttttttt	ttcagttatg	137520
gtttacctgc	aaagttccta	gtcctaacag	tagttcagga	atccacagat	gtctgaagtg	137580
tgagctagca	cccccaattca	tctgaccata	ggaaaggcct	tagtggaactc	atacaattca	137640
agtgaactc	tggaactgtc	tttgagtttc	agtaagtgc	tttcttttca	gagatactgg	137700
agaattagaa	ctgtgtagaa	agtcttccag	cgtacaatat	agaagcacia	atagagccat	137760
tgaccttaat	gggacatttg	aggaggtcat	acaataaaac	agcagtctct	gttaagaaat	137820
aacactaatg	ggcctggggg	tgctaaatag	aggggtggatt	atcttcttac	ccatatattg	137880
tacttggtct	ccacgtcatc	tggaagaaat	ttcatctgtt	atcttccact	ggtcttcatt	137940

cttatttttaa aaaaccttct cttcagagca gagcaggtat ctggtgaatt atcactgtga 138000  
ctaaacaaat tgtcctttgc ccagtgtatt ttaaataatgt acactaccca ccatggaatt 138060  
tactaggcca gctaaaactt gagtaggaga tataactaat tctaattggat tttattttga 138120  
tgtagataag tactacaatt tagaaaagca taaggcaatt agcaacttaa gaccttgcta 138180  
ataaaatgct atttcacttt ctggcagaga gtgcaataga cagagatcaa ttctaagagt 138240  
aaattgggtg aatatttagt cagagccctg tgatgccatc aaaacatatt aggcatattt 138300  
actatatcat ggaaagtcc tctctcagct caaattttta ctgatggaaa aagtggccat 138360  
ttatttttaa aacttttatt gtattgttta caactaactg tattgccagc atctagaaca 138420  
agaatatgag aatagggact tctccataaa ttttttcaga ataaattaga atcatctaca 138540  
ctacctggtc tgtaataggc gtctgtgtgt ttcagatctg tctcactcaa tttttgtcag 138600  
cacctacttt gacatacact ggtccaatgt ggaagctgag atcagagcta actgtccgag 138660  
agctagttag acgtcccatt cagatgtggg attcagccca agccttctaa cttcactctc 138720  
gacaaatagc tagcaagtgt cttggattta aggaacaatt ctggttcttt gctgagagga 138780  
aagaatgttt tcttgtctac agctttttga attatttctt ccttctcctt ccttcttcc 138840  
ctgggtactg gctgctagaa tcttctcttc cctccctccc tccctccctc ccttcttcc 138900  
ttccttcttt tccccaaaag accctgata tgaactagat aggttactag tggatttctt 138960  
tccagatttc aatgtttact gatataccaa gacattatgc aacctcaaaa cacttctaac 139020  
ccaagagcac ttctaattggg acccacgggg gtccctcagg actctggctc ataaatgggc 139080  
tgtcaggcct cagagccctc agttggccgc ttggggctct tccctcatag acatgcttcc 139140  
ttgtgtcaca tggacagaca gaaagtactg tcttgatgag tcatttttgg ctctgaagct 139200  
acttgtcact caggaggcag gagagggatg tgatagaatc ttgacctgaa ttcttgaagg 139260  
gagaggcttg gcctggttac acatatttct tttgttaca aatcctcatt aaaatagaca 139320  
ccttttactt gaccagcag atctgtagtt gtttattttc tctctattgt aacaaaaatt 139380  
taatttttcc ccaacctttg gacttgacca tgaagatgat aacctttttt agatatttat 139440  
ataatatttg taatagattt catgtaatgt ttatattata tatattttat aaatgtaacg 139500  
tttctcactt tcttcttaac aagatctggg gcaaacaatt tcagggttaa gaaatgggat 139560  
ttttaaaagt tgtaggggac attttatggg tagaggcctt gcacccgtgt ctcccttctt 139620  
aattagctgg ctagattgca gactcactct ttgagcgaga ggacttggtt tgtgtgtttg 139680  
ggggcacctg gtgtgtgtgt gtgtgtgtgt gtgtggatgc atgcatgccc atttgtattt 139740  
gtacataagt taaaaataa gaatcgtgcc gggcatgggt gctcacgcct gtaatcccag 139800  
cactttggga ggccaagggt ggtggatcac aaggtcagga gatcgagacc atcctggctg 139860  
acatggtgaa accctgtctc tactaaaaat acaaaatatc agctgggctg ggtgggtggg 139920  
gcctgtagtc ccagctactc gggaggctga ggcaggagaa tggcggtgagc ccgggaggca 139980  
gaggttgagc tgagccgagg tcgcgccact gcactccagc ctgggtgaca gagcaagact 140040  
ccatctcaaa aaaaaaaaaa aaaaaaaaaa aaagaatcct aacacacaag gatttttatt 140100  
atttacccaa agatgttggg agtttcaggg aaatttctag gaaggggact tccatccaga 140160  
tggcattttc cagtagcaga aagagaaaagg aacgatgtga ctgttagtgc aagcactgtg 140220  
ctgggaactc cacgtatgct atgaattcaa tctgtactta aaaataagtt ttactgagta 140280  
ccttctaaaa gtaagttagt gtgcaaaaagc tgggaaaaca aagatgaaaa aagtacattc 140340  
ctttacgcca aggaattttac aatctgaaag gtgaggcagg tgaacaactg gtgattttta 140400  
ttgggtgtaa taagtgttat gcaagacggt tgtaccgagt tatgggtgcag gaggacttag 140460  
gagaggcacc cttattttgt cttagccaga caaggcttca taaatatgta cgttgagggg 140520  
gtttagggaa gacttcccca gggaggagac attcaccttg agtcttcaaa cgccagtcca 140580  
gaagcatagg gacagcttca ctacaggcag agggaaaaac atgccaaagct cccagaggca 140640  
gagctggaca agttcaaggc tctgtctcaa acaccaatgc ctgggaggca gggccatttt 140700  
gaagagtcca gattcatttt gatggctgtg gttaatgggt caaggattta aagtggggga 140760  
gaaatagaat tagttttgca ttgataaata taaatctgtt aacattttga atatagacat 140820  
atgattattt ttgtttgctt tttttggaca tttgcttctt cagaatgata agaaaggagg 140880  
aacagggact ttgctgtaaa cagacattca caggatcacc tgattattat gctggttgtt 140940  
ggtctaattc tcttcccatg aagcattttt ttggaaaatc tagtgtgtta tgaaattaac 141000  
tgacttaagt taactgtctt gcaatatgat gaatggatta aggagaaaat gacactagag 141060  
gctggaaacc aagcatgagg ttgtttgagc aatccaatga gtggaaatgc tactaggaga 141120  
tagaattgat aagattggga aggaagggtt gaagagacac aagcgtcaag gatgtcttga 141180  
gaatttctgg cttgggcaac taggaggaca gtgataaaac aatagtgaac atttattgag 141240  
caccaactac gcaccaggta ctgttctatg tgcctcaca tatctgagct catttcatac 141300  
ttaacaataa tgcgtgatgt aagtactact ttttgcacat ttgacacatg aggaaatgga 141360  
aacagaaagg ataagtagct tgcccaaggt tacacaatta gtaagaaata gatttgggag 141420  
tcgtcagttc ataaaggtct tgcagacgaa aacaatggat agaattactc aggaggtatc 141480  
tggtggatga ggaaagggcc aagggcgaat ctctgggaaa ttccagtgtt tcaggaatcg 141540  
gcagaggaag agtcgtatat tacaatatgt caggagtcag cctgtgaaag aggactgagt 141600

10043715 - 010902

10043715.010902

tggaccagta	caagagggtg	gagaccctgg	aagacaatgg	cgtgatagac	atcaagggcc	141660
tccagggcgg	gactaccgcc	tgcttattct	ggataaggaa	atggaacctg	gggaatggta	141720
gacctgagat	ttgctggaag	ccctgagatt	tgctggaagc	cttgtgttct	tcccatggct	141780
ccagaacccc	tttgggatta	aggcatcatt	tgtaggacaa	gcctgtgggt	tttatttttg	141840
gactcgataa	tctggattga	tgaagaatgc	aggagtggga	cttgggttatg	aattaaagat	141900
catattatct	ccttcttaaa	atgctgggtg	taaatttaat	ttcttctcta	agaaatcggt	141960
tactggaaca	tttattgagt	aagaaaatta	cttgctttga	attatagctc	ttcttttctc	142020
tttagtaaga	attagctaaa	aagtatctag	gaagagaagc	agaaaacccc	aattatcccc	142080
caaaaattca	ttctcatagt	gaaccttcag	aaagtctatt	ggaaacctct	attattttaca	142140
ataactgtta	agataagctt	attgaatatt	cttcccagat	taaaattcac	caaacctcat	142200
cagttctcag	agatctctgc	cttctcctca	ccactagata	gccagtaatt	tccttttcctt	142260
ttattgaact	gtatcagctt	cagaagacgc	gatataatcc	tattgggttc	tgctctcaca	142320
ataacactgc	tgggacccat	cctgagggtc	cttgagggtc	tttaacctct	aatgtctggc	142380
cactctttct	tcttagtctg	agccatatat	atcattctca	tatatgccac	acataccata	142440
catgtcgc	tcattcaaat	cctacattta	aaaatctctt	gcaaaagcca	gcttgggcca	142500
ggcatgggtg	ctcataacctg	taatcccagc	actttcggag	gccgaggcgg	gcagatgact	142560
tgaggtcagg	agttcgagac	ctgaccagcc	tggtcaacat	ggtgaaaccc	cgctcgaact	142620
aaaaatacaa	aaattagctg	ggcgtgggtg	tgcgcacctg	taattccagc	tacttgggag	142680
gctgagtc	gagaattgct	tgaacctg	aggcggaggc	tgcatgagc	cgagatcatg	142740
ccactgcact	ccagcctggg	tgacagagcg	agattccgta	aaaaaaacaa	aacaaacaaa	142800
caaaaaaagc	ctatctcaaa	tacttgagtc	ctttatgaag	tttagcactt	ggcttatttt	142860
ttgaaagaat	actaccttct	ttcctgaatt	tatatcttca	tctccctctc	tccaactttc	142920
tctggcagtg	ctttttgcag	ctggactccc	aatttagtca	tcataaaatc	actgtagtca	142980
taaaacctgc	ttggatagcc	ctgagcataa	cttgtcaatt	tttattttatt	tctttgttta	143040
cttgtttggc	agtctcttcc	actaccttaa	agatctaagg	agataggaat	tgtgtatttt	143100
tttattttact	agtgtaaatc	ctatttgatt	gtaagtccag	tgttcttttt	cccacaatat	143160
acaggtagca	gaggcagaga	ggggagggtat	gtccctgaca	caaggacctt	ggaaaagaga	143220
tgggaaaatt	aggaaattta	cccactccta	aggctaacca	gaaaactcca	cgctagatag	143280
ctggtgtgag	ggctgggtct	gtagggaaga	tgagctggga	gccagaagat	gaagtgttga	143340
gatggatgat	aaaggaaagt	ctcagccaag	acaggagctg	gagctagctc	tgaaacacat	143400
gggaagctgg	caggatgcgg	tcagaggtca	gagagcgatc	aggggtgggt	taggataaat	143460
tttgctaagt	cagggtgtct	gaggacagat	ctttttttat	taaccatttt	gcatgctctt	143520
gtcccgaag	gacctgtgcc	tccttgcaca	ttcattttgc	agaaagatgc	cactaggaaa	143580
atltgaactg	aataggaaaa	aaactatctg	gtgaaatgaa	aatgatcaga	accttaaatg	143640
aaactgtggc	ttatcattcc	tttcaacagt	ccaaaaagga	aatccagca	tgaaggcaaa	143700
cagatactag	agattaccaa	aagtagatta	caaaatgtgc	agtaaaaaatt	aagtggaaac	143760
cttcagagat	tggtgaaagg	gaaagtgttc	aagaagaatg	ggaagctaaa	aattgaaacc	143820
aaaagtataa	ctataagcaa	tcaaatcaaa	agcaattttg	atgaagaaga	aaaaagataa	143880
ctagagatct	gtataactac	agggagaagt	tttattagag	ttgcttttta	aaaaaaaata	143940
cataaataat	gtaaggaggg	gaatataatc	aagttcagat	gtaaacatgg	ctttaattta	144000
tctgtgaaaa	actagctctg	tgacaaaata	agagaaagga	aaagctagtt	tctagagtga	144060
gtggaagata	ttgcaaaaaat	tcttaagctg	tgggaaatgg	gtaaacataa	aaaggatctt	144120
tcaaagctat	attctcaatg	aagacgagca	gcaggagcct	gcttttttcc	agtattgatg	144180
taacttttta	ataatataaa	aacataaggg	ctggaaagaa	aatttcttcc	tgtatattct	144240
ataataactc	agacttatta	gtagcatatt	cttttgtaa	taactttata	ccccacaata	144300
agctttttata	tgactatttt	tatttaataa	tatttaacta	ctttctccta	acacattttc	144360
ataaattaga	aaatcaacag	tcttccctct	ctaccttctt	aagacacttt	agtggtgctg	144420
tttatctcta	cacaatcttc	agtgtcttgc	cttatatcta	caactcaaaa	gaaaattttct	144480
gtaataaatg	tagtccctgg	ctgggtgcag	tgattcatgc	ctgtaatccc	agcatttttg	144540
gagcctgaga	cggacggatc	gcctgagggtc	aggagtggga	gaccagcctg	gccaacatga	144600
caaaaccttg	tctccactga	aagtacaaat	tagccagaca	tggtgtcctg	cgctgtaat	144660
cccagctact	cgggaggcta	atgcaggaga	atcacttgaa	tctgggaggg	agaggttgca	144720
gtgagccaag	aacatgccac	tgactccag	cctgggcaac	agagcaagac	tccatctcaa	144780
aaaacaaaca	aacaaacaaa	caaaacaaaa	tgtagtccct	aatgaagaaa	caatgatagg	144840
aaattaaagt	aaaaatgcct	tttttctcag	atcaattttt	tctttttaag	atacttgcaa	144900
attacatttt	ctccactgcc	tacttcatag	ctcaagtctg	gcaattttcag	ctggaattag	144960
gaagagctcg	tgtgtctcagc	ctcaaaacca	tgtctacatt	ccgactgcct	gattcttctt	145020
cttacagacc	tctctgtaca	acgtctgttg	tgtttcagct	ttttgactct	tcaaatttagc	145080
atctcttcca	taaattggat	tttgatattg	tttcacccca	gtcaacattc	agtaatagaa	145140
cttatgtgaa	acagttcttc	ctctgtcctt	tgcacatttt	ctttcatggt	ctgcatttga	145200
tgatactttg	ctctttcctt	ttcttctgaa	tccttgattt	gaaaaaaact	ttgtgtagct	145260

ctctgtatat cttactaact aaacttttcc aattgatatg actgtctcca tcatttcacc 145320  
 tacagcctca atgaaacact ttcctctagg catcttgaga taagtggcac atgatatttt 145380  
 ctcatcttat aatggggaaa ggcagagaga ggctaagtgc cttgactatc tgagtgagga 145440  
 gttgatctcc aaggagctgt ttaatgagta gacattagtt tctgttgagt tggatgatct 145500  
 atatttggac catgtcatta ttaatagttt cactttcctg aaaatttaggt gttctcataa 145560  
 tttggagttc tggctaaatt aaagattgtc attttcctta gttatgttct atttttctga 145620  
 tatgtttatat ttgtcccac ctctacatta gtggatggtg gcttttccaa aggttgttgc 145680  
 tgttttcaga ttctgtgttc cctagaaggg atcgaagccc ttgaaacatc actgagaatt 145740  
 tattacttat tgattatttc tttcattttc tatctagggt tttgaattga tatcatatca 145800  
 ctttcaatgt aaagaaataa agtgagtata gattagatta aaaaaaatga aaagcataat 145860  
 tagaattagg atgtcctaga tgttttctgg tcatcttttg agagcagaaa ataatacaata 145920  
 tgtagatcta cacatatagg aaaaaatgct aaccagtcaa agtggagagg tgggcatttg 145980  
 cttgagtttc tatgcatggt agaaacagtt gctctttgct ccattttgtt ggatccaagt 146040  
 cataacaaag tggtagaatg ttccttgaaa ggggaggagt atgggagaga attgggaaaa 146100  
 atgaagccac tggtagagag acctggtcat tagtccaaaa agatagtttc ttccagataa 146160  
 tgtacaaaaa tagaatggat gtggtgggag aaagaacagc cagaaagaaa caaggctgtg 146220  
 caaatgcttt atctagaaaa tgttagccct ccctggctaa tcttgaaact gtttggaaaa 146280  
 aatcgtttaa acaagctact ttccagttca tgagatcctt tccactttgt agcaagatta 146340  
 tgtgctttac atacacatta gcagctttga gattgtctaa atcatgcttc attgcttttc 146400  
 tcacactcca ggaagaaggg aggttgagaa tggggccagg gctccaggcc tgatcctttc 146460  
 tctcttccct cctcctcctt cctcctcctt tctcttctt tcttcttctt taaaagtaag 146520  
 tcttcagtag tgcctccctt aaagtcttgc aataacctta tcttgagcta taagcacaca 146580  
 caaatgaagt atattccttc atttgatccc atttttcttt tccccacatt tctctaaaa 146640  
 aaaccaacat aataaagtca taatttggag ttctggctaa attaaagatt gacacacaat 146700  
 gtcattactc ttcattcttt gcttttgcaa gtcacgtgtg agaaagaaac atatttctat 146760  
 ggcttttga ctgcccttga taaaatctgt acttagggaa atagcaatat caataaatgc 146820  
 taaataatat taacacaatg tatgcagggg tttttaagct tcacagaaaa aaaaatttaa 146880  
 gacatgaatt tccaggaaaa ttattcttgt aactatccca aatggttttt ctttccatca 146940  
 aaagaacaaa tggaaaaaag tgcaaaagcc aaatcaaaca aaatccttag tgtgaaatat 147000  
 attttggagc atgtggaatt aaatttgcat ttccaataa aaacaaatgc ccgtttaaaa 147060  
 agtcatctaa cttttgtcct acgaagacaa ccagtaaaat atactgtttc ccttttccca 147120  
 gcatactcat gtttgggaaa acatgattat ctgaagagaa atttactttt actaaattag 147180  
 agtttgaggg gggagtgtgg aaggaataat tacagattat ccttttattc aatctcttct 147240  
 cttggaaaaga agagaagaaa tgttgaaagc cagagaactt ttctaaaacg ctgtagggaa 147300  
 ttttttttt ctgtaaatat ccaagtccaa aaggagattt gcaaaatgtg gagttggaga 147360  
 tttgaactca tacaatatat cctaatacaa ataaaaatct gaacctttta atggcgacac 147420  
 agtccacacc atgaatggtc aaaatcactg gagctaattg acaggaaggg gttcctcagg 147480  
 gaactgtggc aaatttttagc atcttccctt ccttttaggg actggacact catccttagg 147540  
 acttgagaat catatgtgaa aatttatatg acttccaca gtctactgac acattacaga 147600  
 gatactggaa atattaacca cacatgttgt ctacatactc tctttctcat catcataagc 147660  
 cacctgtgtt ctactgaca ctgcaaatcc agtaaccaaa acatcctgtt aaaattctct 147720  
 ggcccttctt atccatgtgc tgtcctttgc cacagctcct aaatcctctt acctttgaaa 147780  
 atctttcctg ctacccttta gaacctccat tcagcctctt tctcaagttg ctttgtacat 147840  
 agtgtcttca tagcagcctt gtaggaacct cagcttcctc accccaatca ttgttttctt 147900  
 ttctccattt gtattgcttt tctcctgggg gtatctgtta atcctccatc agtctattga 147960  
 cttatgaata taaaatccat gctaccttta cattggaaca cataaggtac ctagaattcc 148020  
 ttttgacacc tagtgggtgc tcgataaaa cggaatgcaca tcacgttaga gaaaaggagt 148080  
 tttctgagtc cagatttctt acatgaaaa acatgaaaaa tgaataaatt tctcactggt 148140  
 atttttaggat agctctctgc caaagacctt ttattataca aaagttgaga atgattgaag 148200  
 ttattttgct taattttttg ccactaaatt tgatgtgcca aagaaacttc taaaaaacia 148260  
 aaaagaaatg cataatatc ccagctactc aagaggctga ggtgggagga ttgcttaagc 148320  
 ccaggaggtc caggttgtag tgagccgtga ttgcaactca gcctgggtga cagagtga 148380  
 atttgtctaa aaaggaagga aggaaggaag gaaagaagga aggaaggaaa gaaggaagga 148440  
 aggaaggaaa agcaagcaag caagcaagca ggaagaaaag aaagaaagag aaagaaagga 148500  
 aagaaagaga gaaagaaagg aaagaaagaa aaagaaaggg agaaagaaaa agagagaaaag 148560  
 aaagaaagaa agagagaaaag aaggaagaaa aagaaagaaa gaaggaagaa aaggaagaaa 148620  
 ggaaggaagg aaggaagaaa gaaagaaaga aagaaagaaa gaaagaaaga aagaaagaaa 148680  
 gaaaccatga aggtagctgc cgtatttcta tgaaaccttc cctccagaat tagttccttt 148740  
 tagcatctca ttcagacaca tggaaagctt gtttaaaatg acttcacaaa ttagacttaa 148800  
 tgaagtgact tgactcaact cccctcaccc tcaagtgggtc tttccctgca tcagagtccc 148860  
 tttagtttcg gatgtcactc atgacataga atgaacattt aaaagatgag gaggcagcca 148920

10043715.010902

ctggctatca catttttctg agatgtgtga aatatgattc taatattaat aataataatt 148980  
aacaacaat aatatacctaa tataattatt aatcatgaat tattaataca taatcatatc 149040  
attattttct cttagtctaa tttatagggt cagatgtgtg catgcatgtg tgtcagtggc 149100  
actcagagag gagattttaa tagagagtgg gaaggagat aaaagataac tgctgcagca 149160  
ctggagcaag aagccaaggg gaggtatccg ttaaaaaactt tttgggatgt gaaccttttg 149220  
ttttctaga tttctggatgc cggaacatct gttttttgag atgcatctgt aggagcattt 149280  
ttgtgtgga ttttgaaag ttatcttgaa agtaaagggtc agagacagga attgaaacag 149340  
ggcttaattc ttaacaaga aggtataaga tattgcagtt gatggaactg tggtagcat 149400  
gttccccaag ggtggtgagc atgtctgtgt gggcatagaa gatacatgta cgaacatttt 149460  
tattttattt tattttagatg gagtttctact cttgttgccc aggtgaggtt cagtgggcgc 149520  
aatctcggct caccacaacc tctgcctccc gggttcaatg attctcctgc ctcagcctct 149580  
tgagttagctg ggattacagg catgcgccac catgcctggc taattttgaa ttttttagat 149640  
acatgggatt tctccatggt ggtcaggggtg gtctcgaact cctgacctca ggtgatccac 149700  
ttgctcggc ctgaggatta caagtgtgag ccacctgcc cagccaaaca tttttatttt 149760  
taatagctta atgaatgtat aatgattaaa tgttttagcat gtattaaact atgatttcat 149820  
gtagtttttt taaccatacc aacctgattt tcatatggat tatttaagca taccaacct 149880  
aatttcatgt acattattgc ttaagatagt aatgatataa aattttctta aaattattca 149940  
tgtaaaagaa acaagtcaat taaaaggaaa atattaagta aaaatgtaca ggtggcacc 150000  
aaatatggtt aaaattgtga agcagtttaa tgaataactg aactttggga aatgctagat 150060  
tagagaattg gaaatactct tttaaataaa cacttgctat ctatgattat cctatggatg 150120  
agtgtccaag aaatagagat gcatatgttg tatgttttta aaatgtacag gatgaattta 150180  
cattgacct catatttctt gtgctaaatc aacctattt ttttgacta tagggagaag 150240  
ctgtgtttct tcatagctcc tggagatgtg tgatgtgtca caggcctaata aactatatta 150300  
cacatttttt caaaaaagt ctacatagag tagaaatgta taatagttac caaccaaga 150360  
ctaaatcagg cctagtgttg tggatagctt cactttgcct atgataaaat acttccctcat 150420  
tctttgtgtg attttcaagc aacttaacga ctgttagctt tgctgagcta aatgcaacat 150480  
ctcataccaaa atttattggc ttggcaagt tacaatttt attacgcaa agttgagaaa 150540  
ggaaagctgg agaatgctaa aaacagtaca atttgctact gtgtagtatc tgattgggg 150600  
gctcagcatg ttttatttat agatatctat taatacagag atacagaaag aaatacata 150660  
aaaatagttt tatcaaatc tttccagcat tcaagtgtag cctcaaaagc aagaataggc 150720  
caggagtggg ggctcacgc accagcctag gcaacatagt gagatcccta tctctacgaa 150780  
cttgaggcca gatttcaag ggcaggtgg cttgagcctg ttgtcccagc tactcaggag 150840  
aaaattttta aacttagctg tgagcccagg aggttgaggc tgcagtgagc tataactgca 150900  
gctgaagtag gagtgtcact agacagagt agaccctgtc cccaaaaaa ttaaaattga 150960  
ccactgcact ccagccttg agacagagt caaactttct attggggaaa aaaaaaatc 151020  
gaaaaaaaaa aaaggcaaga acagccacag cactttctg agagtactg tggccaaaag 151080  
ctcctcttta catctctccc ttccttccct tccctttctg agagtactg tggccaaaag 151140  
gagcattttc cccctgcagt cctctgaggg gtgggggtgg gctatgaagc tatccttcat 151200  
attcactcct ttgtccagct cttttcacct ctagttcttc tcccgcctc tctgtctagc 151260  
agtgccttaa gtggaggagg ggtgggggca tcaagcttgt aaaactgggt tgttgggggt 151320  
ctccttctcc cctcatttct tgattcttgg gaaaatgtct tgctgggagg ctgcctggca 151380  
gtgccctagc tgccagaggg agaaatggag ggggctccc tctgccccta caggaggaaa 151440  
agggagctgc acacaaagaa aaagacacgg aaattctctc tctctcttct cttctcctat 151500  
cgcccctgac ctccctctct ctctctctct cctctctca cacacacaca cacacacaca 151560  
ctctctctct cacacacaca ggcgcgcgcg cgcgcgcgca ggcacacgct ttgcaaattc 151620  
cagcattcaa gagacagggg caccattata tttggcacgg tggggccctt ccaggtctga 151680  
aatcctgcat tcttccctac tatttacttt ccccgagctc gagaagggcc aggtgtgggc 151740  
ggatggctgg ccacgttttg tgtttccaat tcatattcac gggatgacac agacggggcg 151800  
tggtgagtgc tgttgaggc gcttgggcag tttcattttg cccacttct ccactgaag 151860  
gctgggcgtt gctggaacct gcagggcgag cctcagcaag gtggggtggc gtggagtggg 151920  
gtgggagaag ggactccagc tgaagtagaa ccaggtgag acctgagaat attggggagg 151980  
gcatgggcgg tggttccgg gtaggggctt tgagaacatg ttggctctga ctgttctcag 152040  
tgtttggta aagttgcaa aaggttaaaa aaaaaaaagt agggggagtc cctgccaaga 152100  
catatttccc aggccacctt tcttcccgcg gagtgttggg ggggagggcg tgcttggaa 152160  
ctgtgaatgt gacatcagct ctccctctct ctcccaagg ggtgagggc cgcctgtcct 152220  
agggcaccct tgccctggc aggcggcgag gctggcttcc ggctcagtc cgcctgtcct 152280  
cggggagctg tggcctccct gggccccggg gctaggctga ggtaagcgca cagcggaggc 152340  
caggggcccc ggcagaggcc ctggggatag ggtggaggca tctctgggtg tgggtgtggg 152400  
tgtgggtgtg ggaggagag ttcttgcctc tctctctccc atctccaact cttgctcag 152460  
tggtcttttt agaggatgca tgtcattatg gacctgtcgc tgccactgtc cctgttcccc 152520

10043715-010902



10043715-010902

cagctgtgac	ttcgagggag	gtctggggat	ctgagctctgt	ccaaacccac	ggctttgctg	152640
ttgggataaa	aactgtcctt	ttgatttttag	aaggaggagg	gaaaaaaggt	ttcccagcat	152700
gtgtgtttgtg	ccagttcttg	aaattcatcc	gtgcttgaat	tccaccctcc	atccccagaa	152760
aaactggagt	aaaacaaaaa	gaggagatgg	acaaagtgtg	tatttgatgg	catccccctgg	152820
gaagagactc	taaattttatc	ccataggtct	tactgggcca	ctgtgagcgc	tttggtggag	152880
aacaaacaaa	aattctgggt	gctcagttgt	ctaacctgaa	aaatgggact	agcggaaaaa	152940
gccaatgtgt	tccatgcacc	ttttgctttc	tttattaagg	catgatgtca	cctgtacagt	153000
aactgcccctg	tgtgtacttc	agggggggat	ttcaagggtta	gatagacagg	aaattgtttt	153060
gaaaaatgtaa	acacattatt	aaatgtgaag	tattatctga	ttccttgttc	gaatggcatt	153120
tcctttctcag	caccaccttc	cttgcatatt	cacttaacct	tgtacaagaa	cacctttttg	153180
ccctaaatga	agacaccccc	ccaaaaaaaa	gagtcocaga	aaatatgtcc	ctgcttgtgc	153240
ggggaataaaa	tagaatattc	tgaggtgcac	tcctccttcc	tatgttaggc	aacattcctt	153300
gaccctcctc	ggcccccaag	ccaggttgcg	ttttttctg	ccatttagaa	gggttttctc	153360
ttttgtccta	gtaaaacatc	agcccctgta	gctcttcac	tccccctggt	gttcttctcc	153420
cgccatgtct	taagattggt	ggcaccgacc	aatcttaaga	tttaagttct	gtgtgaaaaa	153480
cacctttgct	tttcaatcag	tttatcagcc	tcctccgcag	gggaagtgtg	gacacacaaa	153540
agaacttata	ggggcttctc	atcagtata	gggaaaagac	tgggcatgtg	cctaaacgag	153600
ctctgatgtt	atttttaagc	tccttttctt	gccaatccct	cacgatctt	tctccgatag	153660
atgcaaagaa	cttcagcaaa	aaagacccgc	aggaaggggc	ttgaagagaa	aagtacgttg	153720
atctgccaaa	atagtctgac	ccccagtagt	ggggcagtag	cgaggagag	cattcccttg	153780
tttgactgag	actagaatcg	gagagacata	aaaggaaaat	gaagcgagca	acaattaaaa	153840
aaaattcccc	gcacacaaca	atacaatcta	tttaaactgt	ggctcatact	tttcatacca	153900
atggtatgac	tttttttctg	gagtcocctc	ttctgattct	tgaactccgg	ggctggcagc	153960
ttgcaaagg	gaagcggact	ccagcactgc	acgggcaggt	ttagcaaagg	tctctaattg	154020
gtattttctt	tttcttagcc	ctgcccccca	attgtcagac	ggcgggcgtc	tgccctctgaa	154080
gtagcagtg	atttcctttc	gggcctggcc	ttatctccgg	ctgcacgttg	cctgttggtg	154140
actaataaca	caataacatt	gtctggggct	ggaataaagt	cggagctgtt	tacccccact	154200
ctaatagggg	ttcaatataa	aaagccggca	gagagctgtc	caagtcagac	gcgcctctgc	154260
atctgcgcca	ggcgaacggg	tcctgcgcct	cctgcagtcc	cagctctcca	ccgcgcgctg	154320
cgccctgcaga	cgctccgctc	gctgccttct	ctcctggcag	gcgctgcctt	ttctccccgt	154380
taaaagggca	cttgggctga	aggatcgctt	tgagatctga	ggaacccgca	gcgctttgag	154440
ggacctgaag	ctgtttttct	tcgttttctt	ttgggttcag	tttgaacggg	aggtttttga	154500
tccttttttt	tcagaatgga	ttatttgctc	atgattttct	ctctgctgtt	tgtggcttgc	154560
caaggagctc	cagaaacagg	taggcacgct	cgttgacttg	taagtctcgg	aattacaagt	154620
tagtgtgttc	ttatccacct	tcattgcttt	cttgcttcta	tttttccccg	ttctttttat	154680
gactgcagct	tagagagcaa	gtgtctgaga	attattgctg	aaagctactt	taagtcttct	154740
agtgtaaaat	gtaaaattcc	tctattgaat	acaattaggt	gcaattgact	ataacatgac	154800
attaaaaata	cttatcgttt	tattattatt	attccattat	gtgtttcctt	ggctttttaa	154860
aaatgagaag	agtatggaca	tatacaattt	agtcaaatgt	atgtttgtaa	tatatgtgtt	154920
tatacaggta	cacaggccat	ataggaactt	aaatcttatt	taaacactat	tttaatatgt	154980
tgttaacgtg	taaaatattt	aagcattcca	gcttgaagcc	aaggaattgt	atccagtcgt	155040
tcaagcaatg	tatgttcagt	aaaatcacct	gcagagcaaa	agtctgttga	ctaactaccg	155100
cctccccccc	ccccgcacc	cacccccccg	aggcggtttc	tgggtgaagc	agatgttttc	155160
tttaaaattt	gtcatcattg	acttttaggt	tcctttggca	ggtttttggc	acccaaaaa	155220
gtgtgagctc	tcctttcagc	tttattcacc	tgtgctggga	ggggagctag	gataattctt	155280
ggctgccgaa	ggatttaggc	agtgcgtgtg	catctgccc	ggtccccccc	gttttttagg	155340
tcagtgcact	ttttttgtct	tttcgtgacc	ctgactaaag	agaaaggatg	tcaagggaat	155400
gaaaatcctg	gaatgtgtct	gatcatttga	aatgtacaaa	attgggcaga	taagctgcat	155460
ggctaatttg	ttaggaggaa	gaggcaaggc	agtagtgagg	aagggggagg	cagtggatcc	155520
cacacaagcc	tgatgccag	ggattcggaa	ttcaaaatcc	ccccagccta	ccttcagtcc	155580
cctgacctgc	ttctcagccc	caccttaggt	cactggtttc	tatggagtta	ccctcctgaa	155640
ttgaatatgg	aatagttaat	ttctctctcc	aatcattttc	cccaccta	tttgaaagat	155700
atacatcatc	tggggatccc	tgtgccctac	acagcatgtg	aagtggatgg	gtaccccccta	155760
aagagagggg	catcctgaat	ggggaagtgg	ccccaaagct	aggaataact	gtgatttctt	155820
gtcttttagtc	atgtgccaat	gttaagtaag	cttcagtggg	tagtgctgtc	ctaccaagtt	155880
cctttagtaga	gccagccgga	ttttcaacag	gcagcattcc	acagcatttc	cctgagcctg	155940
cttcaagagg	gggtgggggaa	gtcccttttc	aggtgtttat	ctcctctgca	tttgtgtaat	156000
ctccctgaag	gtggataagc	caagggcatg	agggggaggc	aaaaggtgaa	ctcatgttaa	156060
ggaggggaaaa	aaataaagag	cccttttttc	tgtgtttctt	gctgatggca	ggctgtgtgc	156120
ttcatctgct	tttatctgct	ctgctagctc	tgactctact	gtgatccagc	atgtctctcg	156180
gcgtttgagg	agacatcccc	cactgacctg	ctctttctct	ccccagcagt	cttaggcgct	156240

J0043715-010902

gagctcagcg	cggtgggtga	gaacggcggg	gagaaacca	ctcccagtc	accctggcgg	156300
ctccgccggt	ccaagcgctg	ctcctgctcg	tccctgatgg	ataaagagtg	tgtctacttc	156360
tgccacctgg	acatcatttg	ggtcaacact	cccagtagaag	tctctagagg	gcattgtaac	156420
cctagtcatt	cattagcgct	ggctccactg	gagcccagtt	ttagagtttc	ttttctaggg	156480
actctgaagg	tagtccttct	aacaccatcc	aagtgcctca	gtggggacag	tttccctcta	156540
ttcctgaaaa	taacgacagc	ttcgttctta	gcaaccaagg	ggaggggtctt	ctgaggcccc	156600
gtagctcagg	ctactcatga	tgggacaagc	aggaggccac	tgcacgtttc	aaatgaggaa	156660
cttctcagtga	gagggcctca	gggggacact	ctcacagtgg	catctgatgg	ggtttcggga	156720
ataattgccg	aggtcagatg	tgggttagtg	caacctgtgc	ttctcatggg	aggggtggaga	156780
ctgagaggca	gaagtgatga	tatagagggt	tagaatcact	taattttact	tacagaaaaa	156840
cctaggctca	aagtgttgaa	gccatttgtg	caggagttag	ttttagtagc	agctagaact	156900
ggagcccggg	tttcccttgc	tgctatatatt	tccctttaga	aatgcccatt	tcagaactga	156960
aatagaaata	ctgtccatag	gcttctcttt	cacctacaga	gaagaaaagc	agatttcctc	157020
cttctgccct	ggacactagt	tcatcatctg	tcggaagcag	tcataaaca	gcacacattt	157080
actatgcata	caatgtaccg	ttatgacaaa	ggaggacca	aatccaaaca	atatcaaacc	157140
acacaaaaaa	ccacaaggag	cctaataatt	actaagggtga	tacttccaaa	gggaggactt	157200
tattttcttag	atgagaatga	aaatggacac	attggaaatt	attggagagc	cctctggcta	157260
tgagtccttc	cacaaccata	tgggtaccac	gactggcagg	agaaatgtgt	gaacatgtgc	157320
ctctcctccc	cccaaccact	gggtgcgggt	gggtgacggg	ggcactttta	gcagtatcct	157380
ccgtgggtttg	agttgaaaat	aagttttaaa	aatcctgtga	gtcatgggtt	tgcattgaaa	157440
cctcttccca	ctgtgtaccc	acaaatagtt	aactaaatag	accattagaa	aaggaagaaa	157500
atataaagca	gatgccaagc	agagatgtcc	taatttttga	caaaaaagca	atgttgcttg	157560
tgtcaagaag	aaactgaact	ttgtgaagag	ttgaaatgga	attccactga	attagaaaaa	157620
cttggttttct	cctgcctgga	tacatacagt	cagggccatt	gatgcacagg	tgttcctggc	157680
tgttgttaca	ctttaccctc	tgaatgatg	ctcccaagt	ctatgtgatg	agctccttgt	157740
gtgcccagtg	gaataggtgt	gtccatgtgt	catttttaaag	actattaatt	acactaatat	157800
agtttctttc	tctctttgga	taataggcac	gttggtccgt	atggacttgg	aagccctagg	157860
tccaagagag	ctcttgagaa	tttacttccc	acaaaggcaa	cagaccgtga	aaatagatgc	157920
caatgtgcta	gccaaaaaga	caagaagtgc	tggaaatttt	gccaaagcagg	aaaagaactc	157980
aggtgagcag	aaacaccttt	gcttttcaat	cagtttaaca	gcctcctgaa	ctccttccta	158040
tcatggtact	gccttctctg	tttagagaga	ctaacagaga	cattgaaagt	cagggtaaag	158100
ctgaatataa	cattgctgaa	atgtttttcc	ttgtgtattt	taacagggct	gaagacatta	158160
tggagaaaaga	ctggaataat	cataagaaag	gaaaagactg	ttccaagctt	gggaaaaagt	158220
gtatttatca	gcagtttagtg	agaggaagaa	aaatcagaag	aagttcagag	gaacaccta	158280
gacaaaccag	gtaagaggga	aggaagaaaa	attaggttaag	aggttcacaa	gaacaactag	158340
ccccagtcag	tgatgccagc	agcctgttcc	tccagccctt	cttaccgggg	caggtgaaa	158400
acttagaaaa	cagtagcaga	ggagatctat	gcatcctata	gattaaaagg	agcaaaaagaa	158460
tccctcttaa	atatttccat	gaagctctgg	aatgcaaac	gatgtcctct	gtacttttag	158520
cacataccat	ttcatctaca	ggtagatttc	ccaacaaaa	tatatccaga	gatgcctttg	158580
tcattgggtt	atatacagcc	tttgctctc	tgagtcaatg	tatttaccac	tttccctgag	158640
aaatcgaaaa	tcattttggg	gagcggacat	ttagaaaaag	aatcaaagt	tcattggata	158700
tcaaattctt	caataagttg	cagttattca	gatggccaaa	ggaaaaataa	agtcattaga	158760
tagggttggg	agaattttaga	acatgctgtt	tttcagggtt	atgggtcttt	tttttttttt	158820
ttttttaaat	agggaaatgt	gtttgggtgca	gagccaatgt	cattccaaaa	agctctctct	158880
tttctgggtc	agtcattgtgc	tgggacagag	aagggatctg	gattaggcaa	catcatagag	158940
ttgctctgag	ctgctctttg	gtgataaacc	ttccaaatcc	taaacttttt	ggaattcaca	159000
agctcaaagg	aggaaaccta	ctctctgatc	taccacatgt	tctgcatttt	tctatcatgg	159060
tctatggaaa	cttctcttag	aaatccagtg	gcaagaagtt	ctatgattaa	agtgttctga	159120
gctcaggcca	ggcagtcatg	aactacttct	gagttattta	ctactgattt	gtggggcagc	159180
ctcagctatc	ggtttcttca	cacctgctta	tgagagtatc	catatttatg	gtcgcaggcc	159240
agtaatgctc	cccacgagat	cagtttctga	actaacctgg	aattttttat	gggtttttat	159300
tatgccaaact	attaaatcaa	cattacagtt	cttccctctg	tattttctct	gtaaaacatt	159360
aggcctgcaa	aaaaaaaaaa	tcttttttaa	aataattgcc	ataaagtatt	tgctctgggc	159420
ctactgtatg	cttcttttct	ttttctctct	tttcaactaa	gtcacctgca	atttattaag	159480
atggccataa	ctattcaaaa	cctatgctga	gttctcctca	gcagggtcac	atagtgatga	159540
aggttgggat	ggggctacgg	aagaaaccag	aacaactcta	gtttatttaa	aacctgtatt	159600
tactgcccac	ttccccttag	acttgaccat	atgacccttc	gctcccatte	taagcatagg	159660
ggcaggcttt	attttttaca	tggtaataga	tatcacttga	ggtttttatca	aagagttgcy	159720
gcgggtgggtg	aaagttcaca	accagattca	ggttttgttt	gtgccagatt	ctaattttac	159780
atgtttcttt	tgccaaaggg	tgattttttt	aaaataacat	ttgttttctc	ttatcttgct	159840
ttattaggtc	ggagaccatg	agaaacagcg	tcaaatcatc	ttttcatgat	cccaagctga	159900

10043745 "010900"

aaggcaagcc	ctccagagag	cgttatgtga	cccacaaccg	agcacattgg	tgacagacct	159960
tgggggctg	tctgaagcca	tagcctccac	ggagagccct	gtggccgact	ctgcactctc	160020
caccctggct	gggatcagag	caggagcatc	ctctgctggt	tcctgactgg	caaaggacca	160080
gcgtcctcgt	tcaaaacatt	ccaagaaagg	ttaaggagtt	cccccaacca	tcttcactgg	160140
cttccatcag	tggtaactgc	tttgggtctct	tctttcatct	ggggatgaca	atggacctct	160200
cagcagaaac	acacagtcac	attcgaattc	gggtggcatc	ctccggagag	agagagagga	160260
aggagattcc	acacaggggt	ggagtttctg	acgaagggtcc	taagggagtg	tttgtgtctg	160320
actcaggcgc	ctggcacatt	tcaggggagaa	actccaaagt	ccacacaaag	attttctaag	160380
gaatgcacaa	attgaaaaca	cactcaaaag	acaacatgc	aagtaaagaa	aaaaaaaaa	160440
aagacttttg	tttaaatttg	taaaatgcaa	aactgaatga	aactgttact	accataaatc	160500
aggatatgtt	tcatgaatat	gagtctacct	cacctatatt	gcactctggc	agaagtattt	160560
cccacattta	attattgcct	ccccaaactc	ttcccacccc	tgctgcccct	tcctccatcc	160620
cccatactaa	atcctagcct	cgtagaagtc	tggtctaattg	tgtcagcagt	agatataata	160680
ttttcatggt	aatctactag	ctctgatcca	taagaaaaaa	aagatcatta	aatcaggaga	160740
ttccctgtcc	ttgatttttg	gagacacaat	ggtatagggt	tgtttatgaa	atatattgaa	160800
aagtaagtgt	ttgttacgct	ttaaagcagt	aaaattattt	tcctttatat	aaccggctaa	160860
tgaagagggt	tggattgaat	tttgatgtac	ttattttttt	atagatatatt	atattcaaac	160920
aatttattcc	ttatatattac	catgttaaat	atctgtttgg	gcaggccata	ttggtctatg	160980
tatttttaaa	atatgtattt	ctaaatgaaa	ttgagaacat	gctttgtttt	gcctgtcaag	161040
gtaatgactt	tagaaaaata	atattttttt	ccttactgta	ctgattttgga	atcattactg	161100
aaatttgtta	ggagtgggcc	aacgtgatta	agtaccataa	aggcaaataa	atggttaaag	161160
acggtttcat	agaaaagtga	caattagaag	gatattacgg	tctaagctaa	ttatataaag	161220
aattttatct	gtatcttaaa	tgttgatttt	atactgcatt	gaggtaaaaa	cacaaaacaa	161280
aaaagcagct	ttaacacctc	tgtcttctct	tgggtagcag	cctcctgctt	ctccttcacc	161340
tgaaaaattc	tccaggggact	tcatccatta	acttggctca	ggctattagg	caggattcaa	161400
cagtttaagc	tgatgggtgtg	gtgagagatg	ctttatccat	attaatggac	tgaaggaagt	161460
aatggcaaga	caacccccca	aaacataacct	aattatacaa	agttatatac	caaagttgct	161520
tttagaaaat	ggcctgctca	gagcaagtga	aggtttccaa	tggcttttta	ttttctcaca	161580
ttaaggatgt	tgtttcttaa	ggaacattga	gtaccattgc	ttcttcgtga	tagcctagga	161640
ctggcctgtg	gcccattggag	gtagagacac	caggactga	ttctagggtcc	tctgccacaa	161700
agcaccactt	cctctccact	ttgccttggc	tggccttgtc	agctcactgg	agagcacagt	161760
attgcaattg	cagtattgca	aatggctact	actaactgaa	ttctctaaga	gcttgattag	161820
ccctcgagaa	tcttccttgc	ccttctctaa	tagtgtctga	aggaattcct	ggcatttaac	161880
aaatattagc	atgtagtgat	cactgtcgtc	ctaacagtga	cacatcagaa	ggatttcaaa	161940
taacagtcct	caggcatgcg	taatcaatgt	cctgtgcaga	gtctccgtcc	tcattgatcc	162000
tcatttttct	ctttaaggga	cagtccaatg	tctttgggga	attgtttata	aagcttactt	162060
tatccataaa	ctgtttctca	gtgcgtgact	ctgaagaaaa	ttttgaagtt	ttgccattgt	162120
tgacaagggtg	cttgggtctga	acttggccag	tatttaattct	tgagcaaacg	attcaatttc	162180
cttctatcgt	gagttttctc	atctatgaaa	caaggaggtt	gaggggagtt	tctttcatac	162240
ctctgagaaa	gagtttgaga	ttacataaag	aagttgaagt	ggcatgaaaa	aaaataaaga	162300
tctgagctta	gaagacatgg	atctaataca	tttaagagga	agtcagaatc	agagaagcca	162360
ctgaacaaaa	cagtccaaag	gacagcatag	taagtcagat	tgatgagttt	tgggtgggtt	162420
tttcatcagt	caaacccttg	agccccctt	tcccatgctt	cctgcttcag	tatccagtag	162480
gaaaaatgaa	agggatgatg	tagacactct	agggcatgag	gatttgcagt	aaataagttg	162540
ggagactcac	agaaaattaa	tatttttcaa	acatgaagac	gaaacattca	attatattac	162600
agtcacacat	agcttgaagg	gtaaactgat	gggatggctc	gtcacatttc	ttgctctgtt	162660
tccagtaaaa	gcattggttc	tggaaaccca	ccttaggacag	ctttctctct	ttacactgat	162720
agcccaggca	agctttgatc	tcagaactcc	agaaaccaga	gaactctagg	tggaatgtgg	162780
taacttttgc	cagggcgagag	ggaacaccta	ctaataggta	cttcatttgc	accaccagag	162840
attggcatct	tttttgatgg	atccactggc	tttgatactg	cctgtactcc	cccaaaacac	162900
agcttgggta	ttggactaat	ctagagctcc	ctcaggagaa	ctcttgctga	cattaagaaa	162960
gagcaacatt	ttgtctttcc	aggtgaaaaat	ccaaggccca	aaaagggagg	tgactcacct	163020
aagatcacag	aaggagctgt	agcatctctg	gagcctgaac	acttaagtta	agcacgacta	163080
tttcagccag	agggccccctg	gaggtctgca	gaaacagatg	cccaggcaaa	ccttgctaga	163140
aggctctggg	tactaaagcc	aaaactcagtc	tttctgaaag	ctttgcctcc	cagccttgta	163200
gacagtgcata	gcagaccatc	ccctcaga	ggaaagagaa	gaaatgcagg	ggaagaaaaa	163260
aggactataa	ggaggctatc	tcatggcatc	gttaagttaa	tgtctatagg	ataaaataga	163320
atataaccaa	gaatttttaa	ttattatttt	tagactttac	tcaccaaaga	atctatctga	163380
gtgaaggggg	aaatctctcg	gtcagttctc	tttttttttt	tttttttttt	tttttttgag	163440
atggagtttt	gctcttggtg	cctaggcagg	agtgcaatgg	cgctatctca	gctcaccaca	163500
acctctgcct	cctgggttca	agcgattctc	ctgcctcagc	ctcctcagta	gctgagatta	163560

10043715 010902

caggcatgtg ccaccatgcc cggctaattt tgtattttta gtagagacgg ggcttctccg 163620  
tgttgggtcag gctggtctcg aactcctgac ctcagggtgat ccgcccacct tggcctccca 163680  
aagtccctgtg attacaggcg tgagccactg tgcctggccc ggtcagttct cttttactct 163740  
acaatgcaag gcagtggtct gctttttttt ttccccctct ctgtttctaa ggtcttgaaa 163800  
atgcctgttt tcacatttaa gttctcaatg tgtaaaacac tgctttcaag cttatgttct 163860  
taatagagtc ccttctgcat tggctttatc tcacctttat actcacagtt cctggggact 163920  
ttgggtctgg agctcagaat ttatctactg caagtgaatg ttacacattt cacagtaacc 163980  
tctcatcttt gtagataatt tggtttcctg tagcttttca catcctttct ctcattcgac 164040  
ccctaccctc acacaacaat cctttcggga agctggaacc atatcatgta tccatcagcc 164100  
aaccaaggaa agagacatat cgagaggggt agtgactcat ccagagtcca acatcaggca 164160  
aatagcaaga ccagaaccgg ggacccctga ccttttcttc ttaaactcct ccagagccaa 164220  
ggggatacac tggacctgca acttggaacta acgtagatta tttccagctt gtgagtgaac 164280  
tgtgagtggg atgaacttgt tcttattctc ttaggaagat caaagctccg tatgtaccct 164340  
gagccctagt tttgaacgtc tctgtcgtat gattatttgt ttactgcac attcttgta 164400  
tgacaatgca tggttggcag aaaacttgct ggcatttaca aagcttgcc caaatctggt 164460  
gccatgaagc catgacaact tcattgacaa ctactggcca cagagccaat acatcgagg 164520  
aaatagagtg atgaatgtga tggcagcggc catcaaattt cctcaaactt tgggcagtaa 164580  
tcagagagag agctagggtt ggtgccacta ggtagtaaaa agagaagggc ttcggccttg 164640  
gagacaatga atgatggaaa tgttgggtcc cagggatgac aggctgccc tagctcagaa 164700  
aggcagcaca tcgggagtcg ggcagtcagt tttgcccgtt tagagtttct tgggtttctg 164760  
catcctattg ttatttttca cattccgagt cattccagtc ccttctgtg taagttgctg 164820  
tggaagtatc cagggctaata aatcacataa ttaagcggcc attgacatg catgggact 164880  
gaccaattag aaaaagctgg gacagagctg ttgggcaggc tctgataga ctctggctg 164940  
gctaggctct caacctcctg atgttggcct gtaggggacc ttgtgatctg ggacaggggt 165000  
gggcagccag ggtggaattt ccaagcttct agactagaat agtctcactg gtatgtgctc 165060  
aaatcatttc actgttttac ccattctctg cttgataaat tattctcttt acagcttcac 165120  
cagattttaa agtatcgaaa tcatgctctg ggaggtttgg caccaaactt ttctgctcat 165240  
tgagtgaatg gacattatct tcatgctctg cactgtcatc ccttgcactt tgcattgtcc 165300  
gcacctttgg tgtcctgctg cctatgggag aagtaaaaag accttaaggg tctcctgtc 165360  
cctccctcgt gctctggtgc aattttttt ttattttatg tgtttctat ttcaatagct 165420  
tcttgggaga ttttacttta ttagttacat ggaatgaattg ttagtggtg aagtctagga 165480  
ttaagtggta caagtgggtt aagtagcgtg cactgtaccc agtaggtagt ttttcagccc 165540  
ttttagtga tcccttactc caacttctgg gtctccaatg tccattatac cattctgtat 165600  
tcaacccctc ctatcctccc tagctcctac ttataagcgg gaacatgttg catttgattt 165660  
gcctttgtgt acccatagct tttatggctg aagagtattc catggtatat atatattaca 165780  
tcaattgctg agttacttca tttatggctg acttaggttg attccatacc tttgcaattg 165840  
aagacatcat ttagctcttt gttgatgagc aggtgtgttt ttgatgcatt gacttctttt 165900  
ttttcttggc cttctcatca atactcacgc aggtgtgttt tgtagatct actttttagt 165960  
tgaattgtgc tgtgataaac agtggtgattg gcgtagaga tggtagatct tgaatttaca 166020  
cctttatgta aattccaagt agtggttccac agaggggtgta caaagtcaag atctgcctta 166080  
tctttgagaa ctctccatac tttgtggttc aataggaagg agcaagaggg acgagctgcc 166140  
agatttttag cagggcaatt ctatcctccc caacttctgg acattcttaa caattctcac 166200  
tcttagggcc ctatcctccc tagctctgc ccttgacata tggctcatct agatcaaaat 166260  
aatcttgccc tcttagatta gcaacttagtg cgcctttgct tcttggtatg gcttggcact 166320  
aaactgggac atatttgaca cttggacata tacctgcaga ccaggctgca gcagagcacc 166380  
attggactgt tgtggacaaa cttggacata ttcagagctt agggcataat atatcattca 166440  
tcagttcaga atttcagaac cgtcttgcct ttcagagctt agggcataat atatcattca 166500  
acgcaatgct tgtatgcctt tacctgcaga cagaggtgag ttccactgtt cagtaagagc 166560  
ctggtgccta cagcctcaag ttcagagctt tgcgactaga caacagaaga tttataagac 166620  
attcaatgga tgaataaata cagaggtgag catagctgaa atcttctttt attgaggctc 166680  
tgataactct ctagccagaa tgcgactaga ggttattctt tctacttctt tctactccaa 166740  
ggctctcttt gcagagctgc catagctgaa tcttcttctt tctccaaatg ctttaattat 166800  
gtaaattatt tgacacaatg ggttattctt tcttggctat taccctcatc tcaaaaacct 166860  
atttcacat aatcataata ttaaaaaataa ttttggtatc actgagacag gcaccagact 166920  
aatacagagc tagaagggaaa gttacaattt cagagtcaa atgaagtcac ctgtgttagg 166980  
tccactgcca ctctgcctat gttggaattt taaagggaga attctcacac acaaagcct gataaccaa 167040  
aggaagaaa gttgggaatt taaagggaga attctcacac acaaagcct gataaccaa 167100  
tcatcatagt gtgaaagttg taaagggaga attctcacac acaaagcct gataaccaa 167160  
aatggagcca ggaaaggcca taaagggaga attctcacac acaaagcct gataaccaa 167220  
gctatcacag aatactttgc taaagggaga attctcacac acaaagcct gataaccaa 167220  
caaaaaatac ttcagtgaag ttatctgccc agcaactgcc tgtctagcct cggactggtg 167220

ccacccttgt tattgataac tgtagccaag aataatgatc tcaaaacaat tacgttatcc 167280  
tcctgatttt tcctttaaca atctttgttt tgctttacct cctcgaatac gcacatagtt 167340  
tactatggca tgtgtatttt cattgcaatg tccatccctg aataaaaaata attttctttt 167400  
catttattaa tgtatttgtt ttttgaaact ggggtctccct ctgtcaccca ggctggagtg 167460  
caatggcaca atcacagctc actgtagcct tgacctccca ggctcaagtg accctccac 167520  
ctcagcctcc taagtagctg ggaccacagg tgtacaccac catgctcagc taattaaaaa 167580  
acatttttgt agagataggg tcttctatg ttgccaggc tggttttgaa ctctgggct 167640  
caagcaatct tctgccttg gcctcccaaa gtgctgggat tactggagct gttgtgccca 167700  
gctcaatttc ttttagggag tctctctgtc tgttatctag gttgacagtg gttatcttca 167760  
aatatatcca acagttgaga gaatagtata actctaaagc caatatacct agcatatagt 167820  
ttatatagtt gttgagatat gctgggtgtt gctttatctc tacctgcac ctgccctcct 167880  
tccttgaatt actttgaagc caatcccagc tatcattatc atcttaccta taaatatttc 167940  
agtgtagttg taataaactt gatatgcttt gctcgatcag gtaaaatgtg aaatagtcaa 168000  
ctagatatgt ggacctagag cttacagtgg atgaagaact cacaataaca aacgcctcac 168060  
ggaactcaca ataacgaaag agacaatgca tgttgatagc ttgtgtttat gtggtgctta 168120  
ctaatatccc agacagctct ttgagaactt tgcatgcac agctcatttt attcttacta 168180  
aaacactatg aggtattttat cctatgttgc agataggaa acttgaagac agaaattcag 168240  
tagtaactta tgcaaggcca ggcagctagt gaagaggtaa gaaccaggta acctattca 168300  
ctatgctttt ttgattcaga agaatccaaa gtgataaagg ttacattatg ggataatcaa 168360  
gtcctatgat ggtatcaaag tgacagtgat caactctgcc tggggacagg gaagggaggt 168420  
gggtggtttca gggaagggtt catgtaaaga aacagtgaag aatcagcctt gaattcctaa 168480  
gaaggatacc atttgagaaa tttaaagctg aatcaaaggc gtgaagaagt ctcaataaaa 168540  
tgctttgtcg atagatgact tgataaaaaa aacataacct aacatgctca tgtgactgac 168600  
tcataagaaa agtaagcagg tatctagatc attaaaagat gatttatctt gcaataatcc 168660  
aatgatattg gaaatcttaa agcaacacaa caacactagg acagaaatct ctaattttca 168720  
agtggtcattg attgaactga aattttgagg tatgactaaa aatagcaaga aagcaattct 168780  
aacagatttt cactaaattt tcagaagtta actacattta acattataat acaatgaaat 168840  
aattccactg aaaatcactg tacttactga atgtaagctt attttatagt tcaaatgcc 168900  
tatcaacctc ctactcttta atgcatggtc acaaatgacc tctcaccatg tcaagaattc 168960  
cctcttgatg tatggatagg aataaccac ctgtcaactt aggtgtcttc cttgtgtttg 169020  
aacaatttgc taaggtagcca ttaccaatcg accctgctct gacattgggtc accggtgtgg 169080  
ttctttccat ataacctcat cgttttgccc tgatcagcgg ccacaggcag gcagtaaccg 169140  
ttggtttggg gaaagacaaa atgccctaga caattaagga gatgatctta ttcaggctac 169200  
tacaataagg aaaatgttca ttaatgaaga ctgtctcaag gaaaggaagg aaacctgggg 169260  
tttcatagag acagtaaaac agggagcaac tgaatctttt ggtagtcatg aggatggaga 169320  
tgggtctttt ttaaccatga agaaagggtg gaaaggaaga ggctcgagca ggggtttcc 169380  
ttgcagttag ccatttctca ggacacaaa aatgaggaga tattttgagg gacacaggac 169440  
tcagataaat ttcttcattg tcagtccttg gtttttttca agatgaatat cattcatcaa 169500  
ggaaacactc aatgacaatc ataaatctcc tgagtgggt gaagtaaggc ctcagaaatc 169560  
atcttctcaa gagtcttagt gttattcgga caaagacagt tgaagcatct gtagaaagat 169620  
aatgtcaagg tcagtttgtg tgggattctg gggactaggc accgtaaaag aggtattgctt 169680  
aaaaagaaaa agagaaatat aagtataaaa ggtttactaa agagccagaa attgaataat 169740  
gagggttaacc agttcagtgg attccaagag gtcagtgag gaaaatcttt cagttctgta 169800  
acactgctct ttgagtctct tagagctact gaataggaca tcagtgtctt cagtgggtgct 169860  
gtccacaggg catgtctgac tctagcattc cacaggcttc ttagtggccc aggcagtgc 169920  
tttccaggga gaaactgggc ccatgaatgg tctgctacag tggtagtcc tttgaagtat 169980  
atatagcaaa ttttagctta taatgcttct tcagatccta gggaaaagga cccagataca 170040  
agacaacctt gagtcttac agggatccgg gtatgcagat tttagtcttc ggtgacactg 170100  
agtcaggcag cagtgaagaa aattgaaaa actgttgga accagaaaga ttgaagatct 170160  
gaaaaggatt gataatttgg gaagtttaca ggtaccagtc caacttacag ataggtacaa 170220  
aaactaacag ctaggagaga agtcaattac aattccacca gacaagacag tttgcctatt 170280  
aatcattact cacattaaaa aaaaacccaa acagctcaaa aacaatgaac aagggttagaa 170340  
tgagataacc tgggagactg tgctatctga tgtatatgtt ttcattaaaa tgcaaaattt 170400  
atgtgtgtag tcatgtactc ttgatcaaga ataatctcaa agaaagatta ttcttgccat 170460  
tacaagccat ctcattagat ctagaatggg tattcagatt ggtacagcaa gaatggtaat 170520  
ttaccatatt ggccttttaa gtttgctttt tggaaatttt cataaggagg ctcagattgg 170580  
actgttaaaa aaaatctctc tagacaggaa gccaaagcaa taacttgcta ccagatttca 170640  
cctgtcaagt acctataaat ctgggcaaat ttattttttc ttcaagtccc ccaaataatcc 170700  
taggattcct aggcattgcca ggaaaggacc ttctttacct ctttactcac ctaaaaggaa 170760  
gaggatctgt aaatcaggta tcaggcctgt tttcccgga aggtttgtg agcatcattt 170820  
ccgtaaagcc aaccttagct tcttaaaagc atctgggtcat atctgattaa atgagcatca 170880

10043715.010902



206070-5124001

ttctcaacta	tgacattcca	agcactgcct	tagttgtata	acctgtattt	tcaattttgt	170940
catggtaaca	agaaggacag	attctttattg	aacctatgca	aatgattatg	ttgccatgaa	171000
aataaaaaa	ctcaataaga	gtttccaaat	tctggaggag	tcaggcagag	agaatcaaat	171060
accactatca	aatgtttcat	ttcgtaaagt	atatcttatt	ctctgagttt	ataaactgag	171120
tttcagttta	taaaagcaaa	atctaaaattg	ctatgtatta	tgtattatag	accacttaag	171180
aggaaaaaga	aagggtctcc	ctatatatcc	agaaaacaga	atatcagaat	gatcatattc	171240
caaacaaaaa	gcacaaacag	tctctgtcag	ctcattcagt	gctatgtagt	taatttgtat	171300
tccactcagt	cttgagtga	gagtctcatg	aacctctttg	tttcttggct	agagttctag	171360
gaatcctaac	tcagtcact	ggtatgttct	caatattgtt	taagtgcac	catcagaagc	171420
cagtacccaa	aagtatctgg	caaaagtga	ggacaatctg	gcatcatcct	tttctacagg	171480
gctttgagaa	gataccacgc	cgaggacaag	cactatggcc	tctagctgat	ttgcaaagac	171540
tgagatgcac	cagagtaaaa	caaagactat	ctgtagatga	caaaagacat	aaagtggcac	171600
tgtgggttaac	ttctttactga	taattttcaa	aagtgaaga	tctggtgaca	ggtcattaga	171660
acaataatgc	aactgacaag	gaaatctggc	tgttcgtgtg	gagtacaaaa	caagatcagg	171720
aagtgcgaccc	aaaagggtttt	agacaagaag	ataatttccc	ctgttttcaa	agagtggcta	171780
ttacatttga	tttataaaat	tgggttgtat	tagtccattc	tcaggtagtg	ctataaagaa	171840
ctacctgaga	ctgggtaatt	tataaagaag	tttaattgac	tctccacagg	tttaacagaa	171900
agcatggcaa	ggaggactca	ggaaacttac	aatcatggtg	gaaagcgaat	gggaagcagg	171960
tactttcttc	acaatgggtg	caggagagag	agagagccaa	gggggagggtg	cttttaaaac	172020
atcagatctt	gtgagaactc	actcactatc	atgagaatag	caaggggggac	gtctgcctcc	172080
actgagccaa	actgtatcac	gggtaaacat	tattttttaca	gagaaaaaaa	atcttgataa	172140
ataactgtaa	taatcctgac	ataatatacc	atgaatatat	caagcatata	gttagaatat	172200
accacgaata	tatcaacaat	atattctgaa	tgagtctgga	gtacatccta	aatatctata	172260
tgtaataaaa	actccatagg	gaggtgatat	gtatccccat	ttgaaaatca	ctggcctaga	172320
agattctagg	ttcaaataca	agaagcaaa	ttgtgaccaa	gttaatatatt	ttaaaaataa	172380
ctgaaattat	gactgatagc	actgtactat	tgtataacat	taggcacagc	agaactagga	172440
ccgtgacaaa	tagaaacata	tgaagagtga	tggatgggac	aattcttttag	ggattttctac	172500
agcacacact	ttctgaaata	ttaagaacac	acatttttagc	tagagaaagc	taagcaaatc	172560
tgatttgcta	actcatcagt	tgtaacatat	caaatacacc	taattatttc	cagcatctct	172620
ctttttctac	ttttagatga	aaagtaaaaa	tcttgttact	tttccaggcc	ccctgccctt	172680
gaaaaattac	agaaatagtt	ttaggtgcaa	aagaaatcat	taagattgtg	tttggggaag	172740
acaaacacca	aaagtgtgta	ggcgatttga	acacttggtc	aggtaagact	atgggttact	172800
gagaaacaat	acttggctac	gtatttgact	aaaacaacag	taaaaaattt	aaaaagttaa	172860
tataagaggt	aacatgattt	taaagaagct	tagctctttc	ctaagaaact	ctgttttctt	172920
aaataatcaa	ggacattggt	gtgggtcgaa	tgtttgtgtc	cccccaaaaa	ttcatatggt	172980
gaaagcta	tgccaatgtg	atgggtattg	caaagggagc	ctttgggagg	tgatttaggtc	173040
atgaaggcag	accctcatga	atgggattag	tgcccttaga	aaagaggccc	aagacagctt	173100
ccctgagcct	tctacatgg	gaggacacag	cgaaaaggca	ccacctatga	gccaggaagc	173160
ggccctcacc	accagacatt	gaatctccta	gtgccttgat	cttggaacttc	ccagcctcta	173220
gaactgtggg	aaataaattt	ctgttgttta	taagccacct	agtttatagt	attttgttat	173280
agtatcccaa	acagactaag	acatgataaa	gtcagcataa	accaggttat	tctagtaaga	173340
cacagacact	ttgttttcta	ggcagattgc	acagaagata	aagaataacc	atttacaatt	173400
ttttatcaaa	agcaaaccac	taatccaaga	aaaaaattca	tctaacagaa	agaaaaacaa	173460
attctagttt	tctaaagctc	tttttttttt	ttttttttta	aagacagagc	ctcactctgt	173520
tgcccaggct	ggagtgcagt	gctgtgatct	cagctcactg	caacctccac	cttccagttt	173580
caagtgatcc	tcatgcctca	gcctcccag	tagctgggac	tataggcgca	caccactgcg	173640
cctggcta	ttttgtagtt	ttagtagaga	cagggtttca	ccatgttggc	caggctggtc	173700
gtcaaacgcc	tgatgtcagg	tgatccacct	gccttagcct	ctcagagtgc	tgggattaca	173760
ggcatgagcc	cctgtgcccc	gcctctaaag	ctgtttttga	aaattttata	tgtataccca	173820
ttaaacttta	cctaactttg	gccatgacaa	agaaaattcc	ttttctgaga	agctcctata	173880
cttttctgtg	ttcatgtgta	tccctactag	tgtaaactct	caaaatgcca	gaaattcatt	173940
aatagatata	tacagatttt	taccacataa	aataagaggc	aaattatata	aacttaaaat	174000
gatgttttagc	aattaacggt	cagtattctg	cttttctcag	aaatgatcta	ggcagctact	174060
ggatatccat	tcattaactc	aatttattat	tggcccaagg	ttttaagttt	cctaaagact	174120
ttgcaaatta	tcttcaagct	gacacattgt	ataacataat	tactgctgaa	ataaaatttg	174180
tcaaaataag	tcttcaaatt	acttaaacac	aaattcgcat	tttttcatca	ttttaaacat	174240
ttagtagaag	tgatgctagc	ttcctcaatt	agtaaatctg	tataagttta	aaaaatattt	174300
acaaatataa	caaaatctgt	gcttatgcaa	tatttaacac	tgataaatca	gagaaaaactt	174360
agctgtattt	attaaatcaa	aattatttaag	ctagactcat	ttgccccaaa	agtacctaata	174420
ttacataaaa	ttagattttc	aaattatttc	tgagtttaata	tctataacaa	tacctttttt	174480
aatccccaca	ctgaaagtat	tagaggttca	attttcttaa	tttctttctc	ttcataaagg	174540

10043715.010902

gatattctta	ataaaggaat	atttagtcaa	tataaatgct	tatttatctc	taagcaaadc	174600
agactagaga	ttctttaaga	catttcctaa	tctagcttat	tgatattatc	aggagataga	174660
aaaatattat	acactcacac	gatgagaagt	aaaggacttt	ctaaatacag	acatactcac	174720
agagaaagct	tataatttca	tttctaaaat	ttcagtcaga	tgtcaaatat	aaaccaacaa	174780
atacaaaacc	cgccagtgcca	gatattaact	tcctgggttg	cataaatattc	ttaatagatt	174840
tgaactaaaa	atagacagac	agagaggaga	ttctagctaa	attctgtcac	ctttcactca	174900
acagagacaa	ttacctctat	aaacctcatg	ttgcttaaa	agatcatcaa	atgttcagac	174960
catgaaaata	aaagttgtcg	ctagaaaattg	agtaagtgtc	caggaaagt	aacaatcaaa	175020
tctactgtgc	tactgatgaa	caaaaagtcac	atgagttgga	ctcacctttg	gggtcccgaa	175080
tctgtagtcc	ggaacacaga	gggtcccgag	tgccctagata	cccctgtgga	ataacagagc	175140
tctgaagtga	ggcccaagct	attcaagtta	ttgcacccaa	cagagggagt	ccttgtaagg	175200
agaatggggt	aagaaaggga	gcctgggtcag	cacaaatgta	tcaggaaagt	ggctcaagtg	175260
cagtaaaatg	actaagagta	tggtcattgt	attcagatat	acctggattc	aaatcatggc	175320
tccactgctt	ataagcccct	tggaagcta	ttttaccttc	ccaagtctcc	atctattcat	175380
ctataatatg	gagataataa	tacctaccac	acagtggtat	tgtagattac	cattccatat	175440
gaaactctgg	agaccggccc	tttattcatc	acacaaaccc	ttcaccatat	gacctaaact	175500
tacttttctt	gtttttgttt	gtttgtttgt	ttgtttgttt	gagacagggt	ctctctctgt	175560
tgcccaggct	ggactgcagt	ggcatgaaca	cagctcacta	caggctcgac	ctcttgggct	175620
caagcgatcc	tcccacctca	gcctcctgag	tagctgggac	tacaggtgca	caccaccatg	175680
cccagctaatt	ttttttatatt	ttgttagaga	tgctctctac	tttggttacc	aggctgggtc	175740
caaactcctg	gcctcaaata	atccttctgc	ctcgatctcc	caaagtgtctg	ggattacagg	175800
tgtgagccac	catgcccgag	cctcctgttt	tatcttcacc	ctacattggg	actatcgtag	175860
gggaacattt	ctcaaatttt	gtgtgcaaca	gagtttaacct	agaaaaattg	ataaaatgaa	175920
gattcccagg	tcacaaaccc	cagaaattaa	gacctagtaa	atgatagaac	ctagaaatct	175980
ttgttttagc	aagaaccag	gtggttcaga	cataggtgtt	tttttagatta	tgtttaattt	176040
taaaaatata	ccacgtgagc	agccggggcg	agtggcgcat	gcctgtaatc	ccagcatttt	176100
gggaggccga	ggtgggcaga	tcacgagggtc	aggagataga	gatcattctg	gccaacatgg	176160
tgaaaccccg	tctctactaa	aaatacaaaa	attagctggg	cggtgtggcg	cacacctgta	176220
gtctcagcta	ctcaggaggc	tgaggcagga	gaatcgcttg	aaccggggag	gtggaggttg	176280
cagagctgag	atcacgctac	tgttctccag	cctgggtgcca	gaatgagact	ccatctcaaa	176340
tgtatatata	cacacgtata	tatacatata	agtgtatata	tatgtatata	tgtgtatata	176400
tacatatatt	acatatataa	cataacacat	atattacctc	tataacatac	atattacata	176460
tatattacat	agatgttaca	tatattatat	atacacgtat	acatatatct	atatatacac	176520
gtatatatag	atatatataa	aatgttagct	attcctcacc	ctggctgtga	actttcggtt	176580
ctctccaccc	aggcttttga	aatgccactt	tctcatagaa	gaatggcttt	tcttcaaggt	176640
tctgctgggt	agctgttttt	taaatgtgtt	ctcttctgtg	aggcttttct	ggacttctca	176700
aggcaaaaag	gctttgtggg	ctctcctctg	gtatttgtta	acaagtctga	ttccccactt	176760
gacagagagc	tcttgtaggg	gaggcacggc	atcttttttt	tatctctgtg	ttctcagcat	176820
ccagagaagg	cacgctttga	atgtctgtta	attgagatga	caatcccaac	cccatattgc	176880
aaggagaatg	attggaatct	ctcccatact	tggttttaaa	gtcatctaca	agcctgaact	176940
gagagtctta	gagactttca	ggccagaagg	tactaaggag	tttgtcaagt	cacagactga	177000
agaaaatatt	tgcaatacat	atatctgata	aaagactggg	catctctctg	gaatatcagt	177060
ttctaagaaa	tggtgctaac	acatccttat	aataaatcag	aaaaacgggtg	cctggtaact	177120
caggtttcca	catgcaactc	ctttcattac	tggaataaaa	aattgtttta	ctttgaccaa	177180
agtagatgat	gtcttccagt	ataaaaaaaa	aaaaaacact	cctccccagc	atcaacctac	177240
ctctgttggt	ttgtacatg	aatatgttat	tagcagcaat	gacagacggc	taacatctga	177300
gtccagccac	ttgacaatca	ttcgaagtca	gcaggaacag	acgtgctgaa	ataaaaaaag	177360
acgagatgaa	gtgctctacc	tagggaacac	cgcttgcaa	tatatactgt	tcactgacct	177420
ctacttagga	atgtgagtgc	aaattgtcct	ctggctatgg	gcaacaacat	aagccacgaa	177480
atgaaagagc	tccaaataaa	ttaaaatgat	aaatttagcg	atttagtggtg	aacataaaaa	177540
gctttacaac	ttcacgaatt	aaaaaaacag	tttcaatgtt	agaagtcaag	agagcagctc	177600
ccttttagggg	gtgggggtgtg	agtgggcaga	ggagagcctg	ggggacttct	gtcttctgtt	177660
tcttggtctg	ggtgctgaga	acataggcgt	gttcactttg	gaggaatgct	ccaagctgca	177720
catcaagata	tatgctcttt	cccgtatgtg	ttatgtttca	aaaaagctta	ccccttctct	177780
ctctcaaaaa	gcattttttc	cctttcattt	ttttatttct	tcttcttctt	ctctctctct	177840
cttttttttt	aactagatac	acgtgaaca	aacaaaatat	gcaaagaata	atagtttgaa	177900
ggggtgccag	catgctagcg	tgccctctgga	agcgtacatg	ccttggtctg	gactgggcat	177960
cagatgtgca	ttttcacttg	atgtaattca	tttcttgggt	ccatgaccca	gctttcctct	178020
ttggggtaaa	ggcccggtcca	gcatttttct	tggacaagggt	ctccaccttt	gctgcatcca	178080
gggagactcc	ttcagtgcca	cggtcctgcc	tcagggttagt	ttccttgtag	gtgttgctctg	178140
gctttgtcag	gtcttaatgc	catcctgaag	ctggtaaaat	gagccaagtg	acttcatctc	178200

10043715 010900E

tcatggcaca	ccttgaggac	attacttggg	cacaagccaa	ttcactgctc	acagcccagag	178260
agacattttt	ttcccatgag	ctagctcctc	tcctcctctc	tcacaaataa	cttcctctat	178320
gggaaaggac	acatcagaga	acaaggagca	ttgtaacggg	tgagaaatat	gcttgacatg	178380
gggaaggaga	tgccgtcctc	actcctcctc	tccccaccct	cccacactca	tctgtcaact	178440
ctaattttct	actaatgctt	gggtttcact	ctaagctccc	tttgcttgct	cgtgcccacc	178500
aacagaaata	tccaggaaaa	gaaagagcat	caggaatgac	tggcctgtgt	gcaagcaatt	178560
ccttgttgtt	gctgactgcc	ttctgcagct	tggcgaattt	gactccttga	atgcacggac	178620
agaagtagca	tttttctctc	caccagaagt	ctgacactga	ccatgtcaat	gagcgtcaat	178680
tggcagtacg	tgtgtgttgg	ttgacccttt	acatcaagac	caagctaagc	atttgctttc	178740
ctttggtcaa	ttccactggg	ccttcctttt	ggtcaatccc	atcgctctct	gacccagggc	178800
cagaggaaca	tagcattttct	cctaacttgg	acaatgttgc	aacacccaaa	aggcttgtac	178860
tgaagtacgg	aggaggtaga	tgtgaagagt	catccttttg	tcagattgca	aagggtgttg	178920
agccatttag	tttcaggatg	tttttatttt	gttccttctc	agtaaatgtt	ttcagagatt	178980
ttgcctcggg	tttttaaaaga	tgttttataa	gttatgggtc	tctttaaaaa	ttttaatcat	179040
cttaatgagg	tataattttat	atacaataaa	atgcctagac	agtgatccca	tttgatggat	179100
tttacaatta	tatataccca	tccaaaccaa	gatagaaaac	acctccttca	cccagaaaac	179160
ccctcatttc	cttttccagt	cagttccctc	acacacactc	actcctgccc	tacccccagc	179220
cccactagag	cctaggagaa	gtcactgttc	tgatttcttt	caccataagt	tagctttgct	179280
tctataaaaat	gtagcacctc	agtatatatt	cttttaggtc	ttgctaattt	tgctcaacat	179340
aatgtttttg	agatttggtc	atgttattgc	ctttgtcagc	agtttggtct	actttattgc	179400
tgagtaatat	tccattgtac	aaatatatga	caatacattt	atcaattctc	ctgtatgagt	179460
acaatggaat	tgtttctatt	tggagctggt	actaagagtg	ctgtgagcac	tcttgtaaaa	179520
gtcttttttt	tgttcttttt	ttccattttc	cttgcataaa	tatctgagag	tagaattgcg	179580
ggggccataag	taggtttatg	gttaacttta	tatgaaagtt	ccaaaatttt	tccaaactgg	179640
ttataccatt	cttataattct	taccagcagt	gcctgggata	tcgaattgct	tcagtcttgg	179700
tattgtcaat	atttttattt	tacttagtcc	aacattttgg	attatcacag	tttatttact	179760
tcagctatga	tgatttgtgt	gaaatgccat	ttcactgtgg	catttagttg	catttccctg	179820
atgatctacg	gtgttgagct	tactggccat	tcgttcttcc	tatgtgatag	gcacgttcat	179880
gtattttgcc	tgtttttaca	aattgacttt	tttgtgtttt	tattgttggg	ttttaagagt	179940
tctctataca	tcctggatat	gagtccttta	ttagacatat	gtattgcata	ggatttttcc	180000
agtttgtagc	ttgagaattt	attttttaat	gatggcttct	gatgaacaga	aattattaat	180060
atttatgaag	tctgacatca	ttttttttaa	attactcctt	tttatgtcct	gcttaagaca	180120
tctttgtctt	cccaaatggt	gtgctatatt	ctcaagggtc	ctcttagaga	ctttaggttt	180180
ttagtcttta	tgtttttgtc	tatgatccat	atcaaattaa	tttttgtgca	cgggtataagg	180240
cgggggggtgg	tcaagactca	ttttttcccc	caatatccag	gtgttctagc	actatttgtc	180300
taaaagtctt	tcatttcccc	attggaatga	cttggtgctt	ttgttaagaa	gccattagta	180360
tatgtgtgtg	tgtggctatt	tctgggttct	ctattttgtt	ccattgatct	atttctggac	180420
tccttttcatt	tccatagatc	actatcacaa	tatctatagc	tgtagagtat	gttttcagat	180480
tgatttagtgt	aagatctcta	actttgttct	tttttatcaa	gatcgtttgg	ctgttttgtg	180540
ccctctgggt	ttctgtattt	atttttagaaa	caacttggca	cttcctttta	aaaatgatgc	180600
ttgaattttg	atcgaatttg	gttgaattta	tcctcgattt	aggaaggatg	gatattctta	180660
caacattcag	ctttacaaaa	acagtatgcc	tttttgcggg	gcacagtggc	tcacgccagt	180720
aatcccaaca	cctttgggag	ttgaggtgca	cagaacacaa	caggccagga	gttcgagacc	180780
agcctggtca	acatggtgaa	accccatctc	tactaaaaat	acaaaaatta	gccagatgtg	180840
atggtgcatg	cctgtaatcc	cagctacttg	ggaggctgag	gcacaagaat	cacttgaacc	180900
aggggggtgg	aggttgcagt	gagctgagat	tgtgccactg	gactccagcc	tgggcgacag	180960
agcaagaccc	tgtctcaaaa	taaataaata	agtaaacaga	taaaactaga	ctaaataaaa	181020
gaaaccagtg	tggcttttta	ttaagttagg	ttttcagttt	cttttaacaa	tgtttttag	181080
ttttcaatgt	agagatcttg	catatttcat	tatattttatt	cctagccatt	taattgtgtg	181140
gtcatatttt	aaaattttta	tttgccagtt	tttattgtta	gtgcagaata	tatactgact	181200
tttaccctaa	agctttgtct	cactctttta	ttacttttaa	aaatatttgt	gtagattcca	181260
tggagtttgc	tatgtcacat	gttctttgaa	taacaatgat	tttttcttct	agaatgtttg	181320
tgctttttat	tgcattgact	tactctataa	aattaccata	tcttctagaa	tattgtctgaa	181380
tagaagtgtt	gagtgaatgt	tcttgccttg	ctcctaattc	tagtggaata	ggattttaatg	181440
ttactagttt	aaagaataat	ctgtaatttg	attgagaaaa	tttcctctat	ttctagtttg	181500
ctgatagttt	ttatcgtgaa	tcagtgttga	atttcatcaa	gttcattttc	tgcactctatt	181560
gagatgattt	ttttctcctt	tattctctta	atgtggcaat	ttacactgat	ttattttcac	181620
acattgaacc	aatcttacat	ttctgaatat	atcccacttg	gtcatgactt	attttttcat	181680
tatagctttt	tgtgtgttgc	cagattttgat	ttgccaatat	ttccttaagg	catatatagg	181740
tgtgtgtgtg	tgtatatata	tacacacaca	tatatatata	tatacatata	tacatatata	181800
tacacatata	tacatatata	catatatata	catatatata	catacatacc	tatatatata	181860

10043715-01002

tatgtgtgta	tatatatata	tatgtgtgtg	tgtatatata	tatatatatt	tataagttta	181920
aaagttat	cgaaaatata	ggctgagtat	cccttaccca	aaatgtttgg	gacccaaggt	181980
ggtttggaat	ttggactttt	tttggatttt	gaatagttag	ataaatataa	taagatatct	182040
tggggatggg	acccacgtct	aaacacaaaa	tgcatttata	ttttatata	accttacata	182100
catagcctga	aggtaatttt	acataatatt	ttaaataatt	ttgtgcatga	aacaaatttt	182160
gattgtgttt	tgactatgac	ctgtcacatg	aggtcagggtg	tgggaattttc	tacttgtggg	182220
gtcctgttgg	cactcaaaat	gtttcagggt	ttggatcatt	ctggatccag	aatggatcca	182280
ggtataggtt	ggattccacc	tataccaacg	tttttgccat	cttaggggtct	ggttttattg	182340
actttttttt	cttttttgc	tgtttgtctt	cttgcttttt	tgtgtttgtt	tttaaatttc	182400
agattgaacg	ccagacatta	ggtaattttt	taaaaaacag	tagagactga	gacaccactt	182460
atttaccctc	agaaaagggc	atgcctcatc	ttctgtccag	ttattcgtat	aggagttttg	182520
cagatgaagt	ctgtcgttga	gggtgggctg	aactttgttg	tggctttagt	tatggtaata	182580
caacccaaat	ttgaaatgaa	actacactct	gatgcctttt	atttagtata	agcactgggt	182640
gccagagagc	atccctcagg	tctccacta	tgactacaga	cttcaggaga	ccctatgccc	182700
ctgcacctca	ggagagatct	ctcccagcat	tcctgcccct	tggccagtgg	ccaactgcta	182760
tttcttgcca	cttggtgtaa	agcaggggog	tgggagggtt	tctctgagtt	cccctgatcc	182820
acgattagac	taaggcagcc	cttctgcacc	tgcagctcct	cagctcctct	gcccctcccc	182880
cagatgtaga	caagggcacc	tcatgtttag	cacacagttc	tgaatgctgg	acccatttcc	182940
ttggctttcc	tgttccatcc	tcagtcttag	acaggcccag	tgccactatg	ctcagggagg	183000
tctctctcag	acctcctgac	ccttctctgt	gtcaggctgc	tctgccta	aggcagtgt	183060
agttctggag	catagaaga	ttacttttgg	tttctctgt	ttgtcttcac	tcttaggttg	183120
atcatgttag	cctgcatttc	cctggatttc	taacctcttt	ccatatgtgg	actgtcactt	183180
tctgccactt	agtgtgaagg	ctggagggtg	agaaagtttt	ctctcttctt	ctgccactcc	183240
tgggtgctgcc	catattctca	ttcgggtgtg	acctggcact	tcttttgtga	agcagtagtt	183300
aaggagactt	tagaactcac	catggccaag	gaaaggccca	agggtttgtc	agtgtgacag	183360
atcagattcc	aattgatggg	caaccaatca	atgaaacaga	cacaccctca	cagttggaaa	183420
tggaggatga	agatacaatt	gatgtgctcc	agcagcacgc	aggaggtgtc	tactgaaagg	183480
ggcacctgtc	tctttcctcc	agaatgctgt	tcttacagac	cagtattaaa	ttctcagtca	183540
gaaaactgca	atttggtttc	accacatctt	gactaataga	ctaatacagt	acagttttct	183600
ctatcctttc	ctttcccttt	tcttcattcc	tttataaaat	cacataaagt	aactaatgta	183660
tttgacacaag	aatatcacat	ttttaaaact	tcttattata	ttcagtggcc	agtggatatg	183720
tttaattgac	atcgagtggg	gacaggatgg	gggaaaacac	tgattctgtg	aaaatacccc	183780
gtttctccac	taccggcatg	ctcattcagc	tcttatcttt	atattccagt	aagttatttt	183840
gctctcactg	ttttaacaac	aaccaccaca	acagaaaaaa	cataaaaaatc	tttgcatacc	183900
ttgttcaatt	gaataatttt	aatgatttgc	tatctattat	tgtaaaaacca	aggacaattt	183960
tataactttt	tttgtacgta	gctgtttacat	gtaaggcaat	ctgtttttta	gtagggttaa	184020
attactctta	aaaaaaaaaa	agaattctag	acagttttct	cttcaagtca	agcatgttgt	184080
tgtttaagct	tcttgtttaa	aaataaatta	aagttttctc	gattcctctg	ctctctttct	184140
agtgtaggca	gctggcatat	tgtgttacag	tctgttcacc	actggtttca	aatctttttt	184200
ttttttttga	gatgcagttt	cactcttgtc	acccaggctg	gagtgcattg	gcgtgatctt	184260
ggctcactga	aacctctgcc	tcctgggttc	aatgattctc	cctgcctcag	tctcccaagt	184320
agtttggtatt	acaggcaccc	gccaccatgc	cgggctaata	tttgtatttt	tagtagagac	184380
gtggtttcac	catgttggcc	aggctggtct	tgaactcctg	acctcagggtg	atctgccac	184440
agacaggatc	aggacttttc	attcagctgg	gcttgagatc	taaatatcaa	tgagatccca	184500
gagatctctt	tatggtttta	aactcggttc	tctgaacctt	ggtgtatctc	tctctctgtg	184560
tttgaccatc	tggcagctgg	atttttatat	tagatttttc	tcttcagtca	ctcctctagt	184620
tttctggctc	ttgtgaggtc	tttctccttc	cttttgcct	gtccctagac	attagcactt	184680
actgcttgcc	cttggtgaaa	gcctagtgtt	ccttgaaaag	actcctctct	tggttcttct	184740
gcccttggtc	cagccttcag	caggccactg	ctggtgagga	cttgaggtat	ctcaggggtac	184800
atttctctagt	tctcctgccc	tgctttcagt	gaagtctctg	agtgtcttat	tgggggttta	184860
tgagctcttc	tgccctgtct	ccagcctttg	gctgcctctg	ccttgcaactt	gttgaaggcg	184920
ccatgtatct	catggcagat	atctttcagg	tcttctgctc	tgctctcagc	cttttgtgta	184980
ctatctctgt	gtactcagta	aaggcccata	aaaaaacaa	gagagggggg	gcaaaactcaa	185040
tttgtgacta	gagcccttg	agactccagt	ccatcatttc	aaccaacca	cgggcatcaa	185100
aagttcatca	aggacaggca	tgggtggctg	tgcttgtaat	ccgggcactt	tgggaggctg	185160
agggtgggtg	atcagttgag	ctcaggggtt	tgagactagc	ttgggcaaca	cggcaaaacc	185220
ctgcctctac	aaaacaaaca	aataaacatt	ggtctaatat	ggtggcacag	gccagtagtc	185280
ctagctactc	aggaggttga	ggtggggagga	tacttgagc	ccaggagggt	gagccctgat	185340
catgccactg	tattctagcc	tgggtgacag	agtgtgaccc	tgtctcaaaa	aaaaaaaaaat	185400
gttcattaac	agttcagctg	aattctcact	ccatccacag	cagattcctc	ctttctccac	185460
cttcattcga	ggttcacagt	agctacggtt	ttctctctgc	tgaattcat	ttcatttaga	185520

```

ttgtcttgca tcctcagttc tttggtaggt ttattttat ttattttat ttatttttga 185580
ggcaggggtct tgctctgtca tccaggctgg agtacagtgg cacaatcaca gctgcctgca 185640
gcctcagcct cctgggctca agcaatcatc ccaccttagc ccttgaata gcttcacagc 185700
tgggaccaca gacatgtgac accacgccca gctatttttt tttttttttt gagagatggg 185760
ggtcttgcta tgttgctctg gctagtcttg aactcatggg ctcaagcaat cctcctacct 185820
tggtctccca aagtgtctgg attatagaca tgagccacca tgccttggcc tctgggtgag 185880
ttctttaaac tatcattata tagcttgctc agaagcaagt gtctaaaagt ggtcttaaaa 186000
tggtttcttg ctacttttta tctcctaata aattaagtac acacacacac acacacacac 186060
attattaggt agctgaaatt acacactatt aattttctct tttttttttt tcctactcag tcatccacag 186120
acacacacac tccatttcct aattttctct tttttttttt tcctactcag tcatccacag 186180
cactttctat tgtccacctg tagttctcaa ttgctaata tttttctttc caggggacag 186240
ttggcaacat ctggagacat tttttattgt tacagctggg gagatgggtc tattggagtc 186240
cagtggtgta gagatcaggg atgctactaa acatcgtatg gtaagtagga ccgctctcaa 186300
caacaaaaaa ttatctgggc caaaatatca atggttctga ggtaagaaa ctctgttcta 186360
agggaaatag aacaatcgcc tgtagcagat acagtcattg tttttccacc aataaattct 186420
ggtggctacc aagcaaatca aaaagcaata gaagagaaag gaataatgtg tgtattgtct 186480
ttctgatttc aggaaggcag tgtgtggatc                                     186510

```

<210> 2  
 <211> 212  
 <212> PRT  
 <213> Homo sapiens

<400> 2  
 Met Asp Tyr Leu Leu Met Ile Phe Ser Leu Leu Phe Val Ala Cys Gln  
 1 5 10 15  
 Gly Ala Pro Glu Thr Ala Val Leu Gly Ala Glu Leu Ser Ala Val Gly  
 20 25 30  
 Glu Asn Gly Gly Glu Lys Pro Thr Pro Ser Pro Pro Trp Arg Leu Arg  
 35 40 45  
 Arg Ser Lys Arg Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val  
 50 55 60  
 Tyr Phe Cys His Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val  
 65 70 75 80  
 Val Pro Tyr Gly Leu Gly Ser Pro Arg Ser Lys Arg Ala Leu Glu Asn  
 85 90 95  
 Leu Leu Pro Thr Lys Ala Thr Asp Arg Glu Asn Arg Cys Gln Cys Ala  
 100 105 110  
 Ser Gln Lys Asp Lys Lys Cys Trp Asn Phe Cys Gln Ala Gly Lys Glu  
 115 120 125  
 Leu Arg Ala Glu Asp Ile Met Glu Lys Asp Trp Asn Asn His Lys Lys  
 130 135 140  
 Gly Lys Asp Cys Ser Lys Leu Gly Lys Lys Cys Ile Tyr Gln Gln Leu  
 145 150 155 160  
 Val Arg Gly Arg Lys Ile Arg Arg Ser Ser Glu Glu His Leu Arg Gln  
 165 170 175  
 Thr Arg Ser Glu Thr Met Arg Asn Ser Val Lys Ser Ser Phe His Asp  
 180 185 190  
 Pro Lys Leu Lys Gly Lys Pro Ser Arg Glu Arg Tyr Val Thr His Asn  
 195 200 205  
 Arg Ala His Trp  
 210

<210> 3  
 <211> 31  
 <212> DNA  
 <213> Homo sapiens

<400> 3  
 ttaaagacta ttaatcacac taatatagtt t



<210> 4  
<211> 31  
<212> DNA  
<213> Homo sapiens

<400> 4  
caagctgaaa ggcaatccct ccagagagcg t

31

100437.15.010902